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EXTENT OF RURAL HEALTH SERVICE IN THE UNITED STATES, DECEMBER 31, 1932, TO DECEMBER 31, 1936

INTRODUCTION

In presenting statistics with respect to the extent of rural health service in the United States it is deemed necessary to define what should be included under this classification. Every State provides some form of health service to its rural population, fragmentary though it may be. It is almost universally found that the State and local laws provide for local—township, village, or county—part-time health officers, and prescribe rules for the theoretical protection of public health. Though such provisions might be claimed as evidence of health service to local communities, they cannot, in the light of our modern knowledge of the causes of disease and methods of control, be credited as having any considerable value as instruments of disease prevention and health conservation.

The type of State health organization is also responsible for differences of interpretation as to the meaning of the term "rural health service." In certain States where the township has been the dominating factor in local government, the tendency has been to centralize authority and responsibility for health administration in the State health organization, since the township is too small a unit of local government to maintain a modern local health service. In those States, however, where county government is strong, it has been found logical and practicable to decentralize the administration of health service by building up within the counties health units having charge of and capable of handling all phases of local health work. In the former group of States it may be held that health service to local communities is furnished from the central organization. To a certain extent this is true. It is, however, believed to be self-evident that the closer the system of health administration comes to the people who are to receive it, the more effective the service is calculated to be. For this reason the type of organization which has become recognized as the minimum standard capable of furnishing a complete health service to local communities is the so-called health unit, consisting of a medical director, public health nurse, sanitary engineer or sanitarian, and an office clerk, all of whom are technically trained in their respective fields of duty and devote their full time to this work.

Ordinarily the smallest governmental unit suitable for the development of a health unit is a county or city. It is well known, however, that a health unit confined to one county is beyond the reach of a large number of the counties in the United States. It is therefore generally conceded that if health service is ever to be made available to all local communities, as it should be, the only alternative is to group those counties which are unable to maintain separate health units into districts of two or more counties each, under the supervision of whole-time unit personnel consisting of a medical director having jurisdiction over the entire district and at least one nurse and one sanitarian for each component county. This type of local health organization has been developed extensively during the past year, and in future years will probably become the commonest type of local health unit. In the report which follows, local health service is listed by counties, without reference to districts. Where district organization exists the counties composing the district are listed separately, with appropriate notations to show that the county belongs to a district group.

It will be noted that this report pertains to rural health service. The Census Bureau classifies population groups of 2,500 or less as rural. It is not to be understood that this report excludes towns and cities whose population is over 2,500. The application of the term "rural" in this report is to distinguish from "municipal." Many of the county health units serve one or more municipalities within their borders, yet they are reported as rural health services since the municipality is only a component part of the county, and the controlling interest is, in most instances, vested in the county.

With the foregoing explanations in mind, it is believed that the information set forth in the succeeding tables will be more intelligible.

ALABAMA

Of the 67 counties in Alabama, 57 are now organized on a whole-time county health unit basis. By comparing the list of 1935 with that of 1936 it will be found that one county, Autauga, is missing from the 1936 list, whereas two counties, Butler and Henry, have been added, making a net gain of one county for the year. Alabama represents an outstanding example of organization on a county basis, there being no district health units in the State.

The lists following the text statements for each State show the counties, townships, or districts in the United States in which rural sections were provided with health service under whole-time health officers each year from 1932 to 1936, as of December 31.

1932	1933	1934	1935	1936
Baldwin Barbour Blount Bullock Calhoun Chambers Cherokee Choctaw Clarke Cleburne Coffee Colbert Conecuh Covington Crenshaw Cullman Dale Dallas De Kalb Elmore Escambia Etowah Franklin Geneva Houston Jackson Jefferson Lamar Lauderdale Lawrence Lee Limestone Lowndes Macon Madison Marengo Marion Marshall Mobile Monroe Montgomery Morgan Perry Pickens Pike Shelby Sumter Talladega Tallapoosa Tuscaloosa Walker Washington Wilcox Winston	Barbour Blount Bullock Calhoun Chambers Cherokee Cleburne Conecuh Covington Crenshaw Cullman Dale Dallas De Kalb Elmore Escambia Etowah Franklin Geneva Houston Jackson Jefferson Lauderdale Lawrence Lee Limestone Macon Madison Marengo Marion Marshall Mobile Monroe Montgomery Morgan Perry Pickens Pike Shelby Sumter Talladega Tallapoosa Tuscaloosa Walker Washington Wilcox	Autauga Barbour Blount Bullock Calhoun Chambers Cherokee Cleburne Colbert Conecuh Covington Crenshaw Cullman Dale Dallas Elmore Escambia Etowah Franklin Houston Jackson Jefferson Lamar Lauderdale Lawrence Lee Limestone Lowndes Macon Madison Marengo Marion Marshall Mobile Monroe Montgomery Morgan Perry Pickens Pike Russell Shelby Sumter Talladega Tallapoosa Tuscaloosa Walker Washington Wilcox Winston	Autauga Baldwin Barbour Blount Bullock Calhoun Chambers Cherokee Chilton Cleburne Coffee Colbert Conecuh Coosa Covington Crenshaw Cullman Dale Dallas De Kalb Elmore Escambia Etowah Franklin Houston Jackson Jefferson Lamar Lauderdale Lawrence Lee Limestone Lowndes Macon Madison Marengo Marion Marshall Mobile Monroe Montgomery Morgan Perry Pickens Pike Randolph Russell Shelby Sumter Talladega Tallapoosa Tuscaloosa Walker Washington Wilcox Winston	Baldwin Barbour Blount Bullock Butler Calhoun Chambers Cherokee Chilton Cleburne Coffee Colbert Conecuh Coosa Covington Crenshaw Cullman Dale Dallas De Kalb Elmore Escambia Etowah Franklin Henry Houston Jackson Jefferson Lamar Lauderdale Lawrence Lee Limestone Lowndes Macon Madison Marengo Marion Marshall Mobile Monroe Montgomery Morgan Perry Pickens Pike Randolph Russell Shelby Sumter Talladega Tallapoosa Tuscaloosa Walker Washington Wilcox Winston

ARIZONA

Arizona contains a total of 14 counties, 5 of which are now under whole-time county health administration as compared with 4 in 1935. The same counties as were in operation in 1935 were continued in 1936, with the addition of Yuma. While the number of counties is only slightly over a third of the entire number in the State it should be noted that counties having whole-time health units comprise the larger population centers and consequently serve a much larger proportion of the entire population of the State.

1932	1933	1934	1935	1936
Cochise Gila Maricopa Pima	Cochise Gila Maricopa Pima	Cochise Gila Maricopa Pima	Cochise Gila Maricopa Pima	Cochise Gila Maricopa Pima Yuma

ARKANSAS

In 1935 there were 19 counties in Arkansas under whole-time health administration, 16 of which had individual county health units, while 3 were included in a district organization. The list for 1936 shows a total of 39 counties, which is more than half of the 75 counties in the State and more than double the number reported for 1935. It will be noted, however, that the very great increase has been effected through the organization of district health units comprising two to four counties each.

1932	1933	1934	1935	1936
Arkansas ¹ Ashley Bradley Chicot Clark Cleveland Conway Crittenden Cross Drew Garland Jackson Jefferson Lincoln Little River Lonoke Mississippi Monroe Ouachita Phillips Pope Prairie ¹ Pulaski Saline Sebastian Woodruff Yell	Ashley Clark Conway Crittenden Cross Faulkner Garland Jackson Jefferson Little River Lonoke Mississippi Monroe Ouachita Phillips Pope Pulaski Saline Sebastian Woodruff Yell	Ashley Clark Conway Crittenden Cross Garland Jackson Jefferson Little River Mississippi Monroe Ouachita Phillips Pope Pulaski Saline Sebastian Woodruff Yell	Ashley Benton ² Clark Crawford ² Crittenden Garland Jackson Jefferson Little River Mississippi Ouachita Phillips Pope Pulaski Saline Sebastian Washington ² Woodruff Yell	Arkansas ¹ Ashley ² Benton ² Calhoun ² Chicot ² Clark ² Cleburne ¹ Conway Crawford ² Crittenden Cross ² Dallas ² Drew ² Faulkner ¹ Garland Grant ² Hempstead ² Hot Spring ² Howard ² Jackson ² Jefferson Johnson ² Lee ¹ Little River ² Mississippi Monroe ¹ Nevada ² Ouachita ² Phillips ¹ Pope ² Pulaski St. Francis Saline ² Sebastian Sevier ² Washington ² White ² Woodruff ² Yell ²

¹ Included in a district of 2 counties.

² Included in a district of 3 counties.

³ Included in a district of 4 counties.

CALIFORNIA

Out of 58 counties in the State of California, 16 are under whole-time health administration, all of which are served by individual county units. The same counties as appear in the list for 1935 are reported for 1936, none having been added and none lost. As in the case of Arizona, the comparatively small number of counties is a bit misleading, since the largest concentration of population is found in those counties having whole-time health units.

1932	1933	1934	1935	1936
Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo Santa Barbara Stanislaus Yolo	Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo Santa Barbara Stanislaus	Alameda Contra Costa Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus	Alameda Contra Costa Fresno Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus	Alameda Contra Costa Fresno Imperial Los Angeles Madera Monterey Orange Riverside San Bernardino San Diego San Joaquin San Luis Obispo San Mateo Santa Barbara Stanislaus

DELAWARE

Since 1927, Delaware has been reported as having all of its counties under whole-time health administration. Delaware has the distinction of being the first State to achieve 100-percent organization on a whole-time county basis.

1932	1933	1934	1935	1936
Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex	Kent New Castle Sussex

FLORIDA

Up to 1936, whole-time county health service in Florida had made little advancement, only 3 of the 67 counties having this type of service. The list for 1936 represents phenomenal growth, 11 counties having been added during the year, 5 of which are included in a district organization.

1932	1933	1934	1935	1936
Escambia Leon Taylor	Escambia Leon	Escambia Leon	Escambia Jackson Leon	Broward Calhoun ¹ Escambia Franklin ¹ Gadsden Gulf ¹ Hillsborough Jackson Leon Liberty ¹ Monroe Pinellas Taylor Wakulla ¹

¹ Included in a district of 5 counties.

GEORGIA

Georgia is one of the States having a very large number of counties, the total being 161. In 1935, 31 counties were listed as having whole-time health service; the list for 1936 includes 58. All the counties in the 1935 list, with the exception of Fulton County, also appear in the list for 1936. The large increase in counties has been due principally to the formation of districts, one of which includes 11 counties and one 15.

1932	1933	1934	1935	1936
Baldwin Bartow Bibb Brooks Catoosa ¹ Chatham Clarke Cobb Colquitt Dade ² Decatur De Kalb Dougherty Floyd Fulton Glynn Grady Hall Jefferson Jenkins Laurens Lowndes Mitchell Richmond Spalding Sumter Thomas Troup Walker ³ Ware Washington	Baldwin Bartow Bibb Brooks Catoosa ¹ Chatham Clarke Cobb Colquitt Decatur De Kalb Dougherty Floyd Fulton Glynn ⁴ Grady Hall Jefferson Jenkins Laurens Lowndes Mitchell Richmond Spalding Sumter Thomas Troup Walker ¹ Ware Washington	Baldwin Bartow Bibb Camden ³ Catoosa ¹ Chatham Clarke Cobb Colquitt Decatur De Kalb Dougherty Floyd Glynn ³ Grady Hall Jefferson Jenkins Laurens Lowndes McIntosh ³ Mitchell Richmond Spalding Sumter Thomas Troup Walker ¹ Ware Washington	Baldwin Bartow Bibb Camden ³ Catoosa ¹ Chatham Clarke Cobb Colquitt Decatur De Kalb Dougherty Floyd Fulton Glynn ³ Grady Hall Jefferson Jenkins Laurens Lowndes McIntosh ³ Mitchell Richmond Spalding Sumter Thomas Troup Walker ¹ Ware Washington	Appling ⁴ Atkinson ⁴ Bacon ⁴ Baldwin Bartow Bibb Brantley ⁴ Brooks Bryan ⁴ Camden ³ Catoosa ¹ Charlton ⁴ Chatham Clarke Clinch ⁴ Cobb Coffee ⁴ Colquitt Columbia ³ Decatur De Kalb Dougherty Echols ⁴ Floyd Glascocock ³ Glynn ³ Grady Green ³ Hall Hancock ³ Jasper ³ Jeff Davis ⁴ Jefferson Jenkins Lenier ⁴ Laurens Liberty ⁴ Long ⁴ Lowndes McDuffie ³ McIntosh ³ Mitchell Morgan ³ Newton ³ Pierce ⁴ Putnam ³ Richmond Spalding Sumter Taliaferro ³ Terrell Thomas Troup Walker ¹ Ware Warren ³ Washington Wayne ⁴

¹ Included in a district of 2 counties.² Included in a district of 3 counties.³ Included in a district of 11 counties.⁴ Included in a district of 15 counties.

IDAHO

The report shows one county, Twin Falls, having whole-time health service in 1932. For the years 1933, 1934, and 1935, there were no counties having this service. In the year 1936, however, four counties were organized on a whole-time basis, including Twin Falls, which dropped out during the 3 preceding years. In view of the primitive state of health administration that existed in Idaho before 1936 the organization of four whole-time county health units is regarded as a splendid achievement. There is a total of 44 counties in the State.

1932	1933	1934	1935	1936
Twin Falls				Bannock Latah ¹ Nez Perce ¹ Twin Falls

¹ Included in a district of 2 counties.

ILLINOIS

For the years 1932, 1933, and 1934, only DuPage County was reported as having whole-time health service. In 1935 even this county was lacking. In 1936, however, a splendid beginning was made toward the organization of local health service. It will be noted that 24 of a total of 102 counties have been brought under the district type of local whole-time health organization.

1932	1933	1934	1935	1936
Du Page	Du Page	Du Page		Clark ¹ Coles ² Cook ¹ Cumberland ¹ Franklin ¹ Gallatin ¹ Hamilton ¹ Hardin ¹ Henry ¹ Jasper ¹ Jefferson ¹ Knox ¹ Lake ¹ Marshall ¹ Mercer ¹ Peoria ¹ Pope ¹ Rock Island ¹ Saline ¹ Stark ¹ Tazewell ¹ Wayne ¹ White ¹ Woodford ¹

¹ Included in a district of 2 counties.

² Included in a district of 4 counties.

³ Included in a district of 5 counties.

INDIANA

The score in Indiana is blank up to 1936 when a whole-time county health unit was organized in Lake County. The plans for the State as a whole, however, are being projected along the lines of district organization similar to that of Illinois. The report for 1937 will doubtless show a large development in this line. There is a total of 92 counties in Indiana.

1932	1933	1934	1935	1936
				Lake

IOWA

For the 3 years preceding 1936 only Woodbury County had whole-time health service. For 1936, however, the number was increased to nine, which represents a very creditable advancement over previous years. Since the total number of counties is 99, the number having whole-time health service still remains slightly less than 10 percent.

1932	1933	1934	1935	1936
Des Moines Washington Woodbury	Woodbury	Woodbury	Woodbury	Cherokee ¹ Des Moines Lyon ¹ O'Brien ¹ Osceola ¹ Plymouth ¹ Sioux ¹ Washington Woodbury

¹ Included in a district of 6 counties.

KANSAS

The record for Kansas is not encouraging. It will be noted that in 1932 there were 6 whole-time county health units, in 1933, 4, and for the years 1934, 1935, and 1936, the number dropped to 3. Since this State has 105 counties, it is obvious that, on the basis of past experience, the organization of local whole-time health service on a State-wide basis appears to be a long way off.

1932	1933	1934	1935	1936
Brown Geary Lyon Marion Sedgwick Shawnee	Geary Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee	Lyon Sedgwick Shawnee

KENTUCKY

The pattern of whole-time county health service in Kentucky was very similar to that of Alabama. Of the 120 counties, 78 have whole-time health service, as compared with 75 in 1935. Moreover, each county has a separate unit, there being no grouping of counties to form districts.

1932	1933	1934	1935	1936
Adair Allen Anderson Barren Bath Bell Boyd Breathitt Bullitt Butler Caldwell Calloway Carlisle Carter Casey Clinton Davies Edmonson Elliott Estill Fayette Fleming Floyd Fulton Gallatin Grant Grayson Green Greenup Hancock	Adair Allen Anderson Barren Bath Bell Boyd Breathitt Bullitt Butler Caldwell Calloway Carlisle Carter Casey Clinton Davies Edmonson Elliott Estill Fayette Fleming Floyd Fulton Gallatin Grant Grayson Green Greenup Hart	Adair Allen Anderson Barren Bath Boyd Breathitt Butler Caldwell Calloway Carlisle Carter Casey Clinton Edmonson Elliott Estill Fayette Fleming Floyd Fulton Gallatin Grant Grayson Green Greenup Hickman Hopkins	Adair Allen Anderson Ballard Barren Bath Bell Boyd Breathitt Butler Caldwell Calloway Carlisle Carter Casey Clay Clinton Edmonson Elliott Estill Fayette Fleming Floyd Fulton Gallatin Grant Grayson Green Greenup Hart	Adair Allen Anderson Ballard Barren Bath Bell Boyd Breathitt Butler Caldwell Calloway Carlisle Carter Casey Clay Clinton Cumberland Edmonson Elliott Estill Fayette Fleming Floyd Fulton Gallatin Grant Grayson Green Greenup

KENTUCKY—continued

1932	1933	1934	1935	1936
Hart Henderson Hickman Hopkins Jackson Jefferson Kenton Knott Knox Laurel Lawrence Lee Leslie Letcher Lewis Lincoln Madison Magoffin Marshall Martin Mason McCreary McLean Meade Menifee Metcalfe Monroe Muhlenberg Nicholas Ohio Owsley Perry Pike Powell Pulaski Robertson Rockcastle Rowan Scott Todd Trigg Trimble Union Warren Wayne Webster Whitley Wolfe	Henderson Hickman Hopkins Jackson Jefferson Kenton Knott Knox Laurel Lawrence Lee Leslie Letcher Lincoln Madison Magoffin Marshall Martin Mason McCreary McLean Meade Menifee Monroe Muhlenberg Nicholas Ohio Owsley Perry Pike Powell Pulaski Rockcastle Rowan Scott Todd Trigg Trimble Union Warren Wayne Webster Wolfe	Jackson Jefferson Kenton Knott Knox Laurel Lawrence Lee Leslie Letcher Lincoln Madison Marshall Martin Mason McCreary McLean Meade Menifee Metcalfe Monroe Muhlenberg Nicholas Ohio Owsley Perry Pike Powell Pulaski Rockcastle Rowan Scott Todd Trigg Trimble Union Warren Wayne Webster Wolfe	Henderson Hickman Hopkins Jefferson Kenton Knott Knox Laurel Lawrence Lee Leslie Letcher Lincoln Lyon Madison Magoffin Marshall Martin McCracken McCreary McLean Meade Menifee Metcalfe Monroe Muhlenberg Nicholas Ohio Owsley Perry Pike Powell Pulaski Rockcastle Rowan Scott Spencer Todd Trigg Trimble Union Warren Wayne Webster Wolfe	Hart Henderson Hickman Hopkins Jefferson Johnson Kenton Knott Knox Laurel Lawrence Lee Leslie Letcher Lincoln Lyon Madison Magoffin Marshall Martin Mason McCracken McCreary McLean Meade Menifee Metcalfe Monroe Muhlenberg Nicholas Ohio Owsley Perry Pike Powell Pulaski Rockcastle Rowan Scott Spencer Todd Trigg Trimble Union Warren Wayne Webster Wolfe

LOUISIANA

Of the 64 parishes in Louisiana, 34 had whole-time health service in 1935 as compared with 36 in 1936. The same parishes as are found in the former list appear in the latter, with the addition of Union and Bienville. Here also it should be noted that each parish constitutes a separate health unit.

1932	1933	1934	1935	1936
Assumption Avoyelles Caddo Caldwell Catahoula Claiborne Concordia De Soto East Carroll Franklin Iberia Iberville Lafayette Lafourche La Salle Lincoln Madison Morehouse	Assumption Avoyelles Caddo Caldwell Catahoula Claiborne Concordia De Soto East Carroll Franklin Iberia Iberville Lafayette Lafourche La Salle Lincoln Madison Morehouse	Assumption Avoyelles Caddo Caldwell Catahoula Claiborne Concordia De Soto East Carroll Franklin Iberia Iberville Lafayette Lafourche La Salle Lincoln Madison Morehouse	Acadia Assumption Avoyelles Caddo Caldwell Catahoula Claiborne Concordia De Soto East Carroll Franklin Iberia Iberville Jefferson Davis Lafayette Lafourche La Salle Lincoln	Acadia Assumption Avoyelles Bienville Caddo Caldwell Catahoula Claiborne Concordia De Soto East Carroll Franklin Iberia Iberville Jefferson Davis Lafayette Lafourche La Salle

LOUISIANA—continued

1932	1933	1934	1935	1936
Natchitoches Ouchita Pointe Coupee Rapides Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Natchitoches Ouchita Pointe Coupee Rapides Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Natchitoches Ouchita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Madison Morehouse Natchitoches Ouchita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Washington Webster West Carroll	Lincoln Madison Morehouse Natchitoches Ouchita Pointe Coupee Rapides Red River Richland St. Landry St. Martin St. Mary Tensas Terrebonne Union Washington Webster West Carroll

MAINE

In 1935 the only local whole-time health services were those of the Cooperative Health Union and the Motbov Union. The Cooperative Health Union reported in 1935 corresponds to Franklin County in the list for 1936. It is composed of 18 towns, whereas the Motbov Union is composed of 4 towns. Aside from the foregoing, there are 13 counties out of the total of 16, all of which have been brought under whole-time health administration during the year 1936, which represents a notable achievement.

1932	1933	1934	1935	1936
Bar Harbor Cooperative Health Union ¹ Motbov Union ² Rumford ³ Sanford ⁴	Bar Harbor Cooperative Health Union ¹ Motbov Union ² Rumford ³ Sanford ⁴	Bar Harbor Cooperative Health Union ¹ Motbov Union ² Rumford ³ Sanford ⁴	Cooperative Health Union ⁵ Motbov Union ²	Androscoggin. Aroostook Cumberland Franklin ⁶ Knox Lincoln Motbov Union ² Oxford Penobscot Piscataquis Sagadahoc Somerset Waldo Washington York

¹ Composed of 4 towns.² Composed of 5 towns.³ Town (township) wholly or partly rural.⁴ Composed of 10 towns.⁵ Composed of 18 towns.⁶ Composed of 21 towns.

MARYLAND

All of the 23 counties in Maryland have been under individual whole-time health administration since 1934. In point of time Maryland is the second State to achieve 100-percent organization of this nature.

1932	1933	1934	1935	1936
Allegany Anne Arundel Baltimore Calvert Carroll Cecil Charles Dorchester Frederick Garrett Harford Howard Kent Montgomery Prince Georges Queen Annes Somerset Talbot Washington Wicomico Worcester	Allegany Anne Arundel Baltimore Calvert Carroll Cecil Charles Dorchester Frederick Garrett Harford Howard Kent Montgomery Prince Georges Queen Annes St. Marys Somerset Talbot Washington Wicomico Worcester	Allegany Anne Arundel Baltimore Calvert Caroline Carroll Cecil Charles Dorchester Frederick Garrett Harford Howard Kent Montgomery Prince Georges Queen Annes St. Marys Somerset Talbot Washington Wicomico Worcester	Allegany Anne Arundel Baltimore Calvert Caroline Carroll Cecil Charles Dorchester Frederick Garrett Harford Howard Kent Montgomery Prince Georges Queen Annes St. Marys Somerset Talbot Washington Wicomico Worcester	Allegany Anne Arundel Baltimore Calvert Caroline Carroll Cecil Charles Dorchester Frederick Garrett Harford Howard Kent Montgomery Prince Georges Queen Annes St. Marys Somerset Talbot Washington Wicomico Worcester

MASSACHUSETTS

Inasmuch as the local form of government in Massachusetts is based on towns and townships rather than counties, it has not been found as readily adaptable to the formation of local health units. In spite of adverse circumstances of this nature, however, certain towns have voluntarily pooled their resources in the interest of forming local whole-time health units. From 1932 to 1935, three such groupings of towns operated local whole-time health units. In 1936 the same units are listed, with the addition of Franklin County.

1932	1933	1934	1935	1936
Barnstable Nashoba ¹ Southern Berk- shire ²	Barnstable Nashoba ¹ Southern Berk- shire ²	Barnstable Nashoba ¹ Southern Berk- shire ²	Barnstable Nashoba ¹ Southern Berk- shire ²	Barnstable Berkshire ³ Franklin Nashoba ⁴

¹ Represents 11 towns.

² Represents 9 towns.

³ Represents 15 towns.

⁴ Represents 10 towns.

MICHIGAN

The record for Michigan shows a considerable amount of change. From the list for 1935, 8 counties are missing in the list for 1936, whereas the latter list shows the addition of 11 new counties, making a total of 42 for 1936, a net gain of 3 over 1935. The total number of counties in the State is 83, so that the number of counties under whole-time health service in 1936 is slightly greater than 50 per cent. It will be noted that the general tendency in county health service in Michigan is toward the district type of organization.

1932	1933	1934	1935	1936
Alcona ¹ Allegan ² Alpena ³ Antrim ³ Barry Charlevoix ³ Cheboygan ³ Crawford ³ Emmet ³ Genesee Iosco ³ Isabella Kalkaska ³ Kent Lake ³ Midland Missaukee ³ Montmorency ³ Newaygo ³ Oakland Oceana ³ Ogemaw ³ Oscoda ³ Otsego ³ Ottawa Presque Isle ³ Roscommon ³ Saginaw Wexford	Alcona ³ Allegan ³ Alpena ³ Antrim ³ Barry Charlevoix ³ Cheboygan ³ Crawford ³ Eaton Emmet ³ Genesee Iosco ³ Isabella Kalkaska ³ Kent Lake ³ Midland Missaukee ³ Montmorency ³ Newaygo ³ Oakland Oceana ³ Ogemaw ³ Oscoda ³ Otsego ³ Ottawa Presque Isle ³ Roscommon ³ Saginaw Wexford	Alcona ³ Allegan ³ Alpena ³ Antrim ³ Barry Charlevoix ³ Cheboygan ³ Crawford ³ Eaton Emmet ³ Genesee Grosse Pointe ³ Hillsdale Iosco ³ Isabella Kalkaska ³ Lake ³ Kent Lake ³ Midland Missaukee ³ Montmorency ³ Newaygo ³ Oakland Oceana ³ Ogemaw ³ Oscoda ³ Otsego ³ Ottawa Presque Isle ³ Roscommon ³ Saginaw Van Buren Wexford	Alcona ³ Allegan ³ Alpena ³ Antrim ³ Arenac ³ Barry Branch Calhoun Clare ³ Charlevoix ³ Cheboygan ³ Chippewa ³ Clare ³ Delta Eaton Emmet ³ Genesee Gladwin ³ Hillsdale Iosco ³ Isabella Kalkaska ³ Kent Lake ³ Luce ³ Mackinac ³ Midland Missaukee ³ Montmorency ³ Newaygo ³ Oakland Oceana ³ Ogemaw ³ Oscoda ³ Otsego ³ Ottawa Presque Isle ³ Roscommon ³ Saginaw Schoolcraft ³ Van Buren Wexford	Allegan ³ Alpena ³ Antrim ³ Arenac ³ Barry Branch Calhoun Charlevoix ³ Cheboygan ³ Chippewa ³ Clare ³ Delta Eaton Emmet ³ Genesee Gladwin ³ Hillsdale Houghton ³ Iron Isabella Kent Keweenaw ³ Lake ³ Luce ³ Mackinac ³ Manistee ³ Mason ³ Mecosta ³ Menominee Midland Montmorency ³ Newaygo ³ Oakland Oceana ³ Oscoda ³ Otsego ³ Ottawa Presque Isle ³ Saginaw Schoolcraft ³ Van Buren Wexford

¹ Included in a district of 2 counties.² Included in a district of 3 counties.³ Included in a district of 4 counties.

MINNESOTA

Prior to 1936, only St. Louis County had whole-time health service. During 1936, nine additional counties have been brought under whole-time health service, all of which have been organized on a district basis. The total number of counties in Minnesota is 87.

1932	1933	1934	1935	1936
St. Louis	St. Louis	St. Louis	St. Louis	Beltrami ¹ Blue Earth ² Freeborn ² Hubbard ¹ Itasca ¹ Jackson ² Koochiching ¹ Martin ² Mower ² St. Louis

¹ Included in a district of 4 counties.² Included in a district of 5 counties.

MISSISSIPPI

Although the Social Security program has served to augment the facilities in the individual health units in Mississippi, no great impetus has been given to the extension of this service to new counties. In 1934 and 1935, 25 out of the 82

counties in Mississippi were served by individual whole-time health units. During the year 1936, 2 new health units were added, making the total for that year 27.

1932	1933	1934	1935	1936
Adams Bolivar Coahoma Copiah Forrest Hancock Harrison Hinds Holmes Humphreys Jackson Lamar Lauderdale Lee Leflore Lincoln Monroe Pearl River Pike Perry Pike Sunflower Union Warren Washington Yazoo	Adams Bolivar Coahoma Forrest Hancock Harrison Hinds Holmes Humphreys Jackson Lamar Lauderdale Lee Leflore Lincoln Monroe Pearl River Pike Sharkey Sunflower Union Warren Washington Yazoo	Adams Bolivar Coahoma Copiah Forrest Hancock Harrison Hinds Holmes Humphreys Jackson Lamar Lauderdale Lee Leflore Lincoln Monroe Pearl River Pike Sharkey Sunflower Union Warren Washington Yazoo	Adams Bolivar Coahoma Copiah Forrest Hancock Harrison Hinds Holmes Humphreys Jackson Lamar Lauderdale Lee Leflore Lincoln Monroe Pearl River Pike Sharkey Sunflower Union Warren Washington Yazoo	Adams Bolivar Coahoma Copiah Forrest Hancock Harrison Hinds Holmes Humphreys Jackson Lamar Lauderdale Leo Leflore Lincoln Madison Marshall Monroe Pearl River Pike Sharkey Sunflower Union Warren Washington Yazoo

MISSOURI

The progress in local health service in Missouri since 1932 was progressively downward to 1935, there having been 10 whole-time county health units in 1932 as compared with 6 in 1935. Here also the influence of Social Security funds has not been such as to create any considerable extension of local health service, since during this year only one county was added. Inasmuch as there are 114 counties in the State, much remains to be done before Missouri can be considered as adequately supplied with local health service.

1932	1933	1934	1935	1936
Boone Buchanan Dunklin Greene Jackson Marion Miller New Madrid Pemiscot St. Louis	Buchanan Dunklin Greene Jackson Marion Miller New Madrid Pemiscot St. Louis	Buchanan Dunklin Greene Jackson Marion Miller New Madrid St. Louis	Buchanan Dunklin Greene Jackson Marion Miller	Buchanan Dunklin Greene Jackson Marion Miller St. Louis

MONTANA

In Montana somewhat the same situation is found as that described for Missouri. During the years 1932, 1933, and 1934, four counties had whole-time health units. In 1935 the number dropped to three, and remained at that figure during 1936. The total number of counties in the State is 56.

1932	1933	1934	1935	1936
Cascade Gallatin Lewis and Clark Missoula	Cascade Gallatin Lewis and Clark Missoula	Cascade Gallatin Lewis and Clark Missoula	Cascade Gallatin Missoula	Cascade Gallatin Missoula

NEW MEXICO

It should be noted that in 1935 a district health law came into operation in New Mexico whereby the entire list of 31 counties was organized under a district plan of health service. The same situation is found in 1936, so that since 1935 New Mexico has been among the States having 100 percent of the counties under whole-time health administration.

1932	1933	1934	1935	1936
Bernalillo Dona Ana Eddy Santa Fe Union Valencia	Bernalillo Dona Ana Eddy Santa Fe Union Valencia	Bernalillo Dona Ana Eddy Santa Fe Union Valencia	Bernalillo ¹ Catron ² Chaves ³ Colfax ³ Curry ³ De Baca ³ Dona Ana ³ Eddy ³ Grant ³ Guadalupe ³ Harding ³ Hidalgo ³ Lea ³ Lincoln ³ Luna ³ McKinley ¹ Mora ³ Otero ³ Quay ³ Rio Arriba ³ Roosevelt ³ Sandoval ¹ San Juan ¹ San Miguel ¹ Santa Fe ³ Sierra ³ Socorro ³ Taos ³ Torrance ³ Union ³ Valencia ³	Bernalillo ¹ Catron ³ Chaves ³ Colfax ³ Curry ³ De Baca ³ Dona Ana ³ Eddy ³ Grant ³ Guadalupe ³ Harding ³ Hidalgo ³ Lea ³ Lincoln ³ Luna ³ McKinley ¹ Mora ³ Otero ³ Quay ³ Rio Arriba ³ Roosevelt ³ Sandoval ¹ San Juan ¹ San Miguel ³ Santa Fe ³ Sierra ³ Socorro ³ Taos ³ Torrance ³ Union ³ Valencia ³

¹ Included in a district of 2 counties.

² Included in a district of 3 counties.

³ Included in a district of 4 counties.

NEW YORK

The counties listed as having whole-time county health service for 1933, 1934, and 1935 in New York are Cattaraugus, Columbia, Cortland, Suffolk, and Westchester, whereas the entire list of 57 rural counties is reported for 1936 as being under whole-time health administration. This does not mean that 52 counties have been brought under this service during the year 1936. The explanation is that by misinterpretation in previous years, only those counties having individual health units were reported, whereas the report also should have shown those included in health districts.

1932	1933	1934	1935	1936
Cattaraugus Cortland Suffolk Westchester	Cattaraugus Columbia Cortland Suffolk Westchester	Cattaraugus Columbia Cortland Suffolk Westchester	Cattaraugus Columbia Cortland Suffolk Westchester	Albany ³ Allegany ³ Broome ³ Cattaraugus Cayuga ³ Chautauqua ⁴ Chemung ³ Chenango ³ Clinton ³ Columbia

³ Included in a district of 3 counties.

³ Included in a district of 4 counties.

⁴ Included in a district of 6 counties.

NEW YORK—continued

1932	1933	1934	1935	1936
				Cortland Delaware ¹ Dutchess ¹ Erie ¹ Essex ¹ Franklin ¹ Fulton ¹ Genesee ¹ Greene ¹ Hamilton ¹ Herkimer ¹ Jefferson ¹ Lewis ¹ Livingston ¹ Madison ¹ Monroe ¹ Montgomery ¹ Nassau Niagara ¹ Oneida ¹ Onondaga ¹ Ontario ¹ Orange ¹ Orleans ¹ Oswego ¹ Otsego ¹ Putnam ¹ Rensselaer ¹ Rockland ¹ St. Lawrence ¹ Saratoga ¹ Schenectady ¹ Schoharie ¹ Schuyler ¹ Seneca ¹ Steuben ¹ Suffolk Sullivan ¹ Tioga ¹ Tompkins ¹ Ulster ¹ Warren ¹ Washington ¹ Wayne ¹ Westchester Wyoming ¹ Yates ¹

¹ Included in a district of 2 counties.² Included in a district of 3 counties.³ Included in a district of 4 counties.⁴ Included in a district of 6 counties.

NORTH CAROLINA

The list for 1935 shows a total of 53 counties under whole-time health service, whereas the number in 1936 is 50, which is exactly half the total number of counties in the State. Five counties have been dropped from the list since 1935 while two new counties have been added in 1936, making a net loss of three.

1932	1933	1934	1935	1936
Beaufort Bladen Buncombe Cabarrus Columbus Cumberland Davidson Durham Edgecombe Forsyth ¹ Franklin Gaston Granville Guilford Halifax	Beaufort Bladen Buncombe Cabarrus Columbus Cumberland Davidson Durham Edgecombe Forsyth ¹ Franklin Gaston Granville Guilford Halifax	Beaufort Bertie Bladen Buncombe Cabarrus Columbus Cumberland Davidson Duplin Durham Edgecombe Forsyth ¹ Franklin Gaston Granville	Avery ² Beaufort Bertie Brunswick Buncombe Cabarrus Caldwell Columbus Craven Cumberland Davidson Duplin Durham Edgecombe Forsyth ¹ Franklin Forsyth ¹	Avery ² Beaufort Bertie Buncombe Cabarrus Columbus Craven Cumberland Davidson Duplin Durham Edgecombe Forsyth ¹ Franklin Gaston

¹ Included in a district of 2 counties.² Included in a district of 3 counties.

NORTH CAROLINA—continued

1932	1933	1934	1935	1936
Lenoir Mecklenburg Moore New Hanover Northampton Pitt Randolph Richmond Robeson Rowan Rutherford Sampson Stokes ¹ Surry Vance Wake Wayne Wilkes Wilson Yadkin	Hyde Lenoir Mecklenburg Moore Nash New Hanover Northampton Pitt Randolph Richmond Robeson Rowan Sampson Stokes ¹ Surry Vance Wake Wayne Wilkes Wilson Yadkin	Guilford Halifax Haywood ² Hyde Jackson ³ Lenoir Mecklenburg Moore New Hanover Northampton Pitt Randolph Richmond Robeson Rowan Sampson Stokes ¹ Surry Swain ³ Vance Wake Wayne Wilkes Wilson Yadkin ³	Franklin Gaston Graham ³ Granville Guilford Halifax Harnett Haywood ³ Hertford Jackson ³ Lenoir Macon ³ Mecklenburg Moore Nash New Hanover Northampton Orange Pamlico Person Pitt Polk Randolph Richmond Robeson Rowan Rutherford Sampson Stokes ¹ Surry Swain ³ Vance Wake Watauga ³ Wayne Wilkes Wilson Yadkin ³ Yancey ³	Graham ³ Granville Guilford Halifax Harnett Haywood ³ Hertford Jackson ³ Lenoir Macon ³ Mecklenburg Moore Nash New Hanover Northampton Orange ¹ Person ¹ Pitt Randolph Richmond Robeson Rowan Rutherford Sampson Stokes ¹ Surry Swain ³ Vance Wake Watauga ³ Wayne Wilkes Wilson Yadkin ³ Yancey ³

¹ Included in a district of 2 counties.² Included in a district of 3 counties.³ Included in a district of 5 counties.

OHIO

From 1932 to 1935 there was a reduction in the number of counties having health units from 45 to 40. In 1936, however, the number increased to 48, which is the largest number of counties at any time served by whole-time health units in Ohio. All these counties, with the exception of two which are joined to form a district, have individual whole-time units. The total number of counties in the State is 88.

1932	1933	1934	1935	1936
Allen Ashtabula Belmont Butler Clinton Columbiana Coshocton Crawford Cuyahoga Darke Delaware Erie Fayette Hamilton Hancock Hocking Huron Jefferson Lorain Lucas Mahoning	Allen Belmont Butler Clinton Coshocton Crawford Cuyahoga Darke Delaware Erie Fayette Hamilton Hancock Hocking Huron Jefferson Lorain Lucas Mahoning Marion Medina Meigs Mercer	Allen Athens Butler Clinton Crawford Cuyahoga Cuyahoga Darke Delaware Fayette Hamilton Hancock Hocking Huron Jefferson Lorain Lucas Mahoning Marion Medina Meigs Mercer	Athens Butler Clinton Crawford Cuyahoga Darke Delaware Erie Fayette Guernsey Hamilton Hancock Hocking Huron Jefferson Lorain Lucas Madison Mahoning Marion Medina Meigs Mercer	Athens Belmont Brown Butler Clermont Clinton Crawford Cuyahoga Darke Delaware Erie Fairfield Fayette Greene Guernsey Hamilton Hancock Hocking ¹ Huron Jefferson Lorain Lucas Madison

¹ Included in a district of 2 counties.

OHIO—continued

1932	1933	1934	1935	1936
Marion Medina Meigs Mercer Miami Montgomery Morrow Perry Pickaway Preble Richland Ross Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Scioto Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood	Miami Montgomery Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Tuscarawas Washington Wayne Wood Wyandot	Mahoning Marion Medina Meigs Mercer Miami Montgomery Morrow Muskingum Perry Pickaway Preble Richland Ross Seneca Shelby Stark Summit Trumbull Union Vinton ¹ Washington Wayne Wood Wyandot

¹ Included in a district of 2 counties.

OKLAHOMA

Oklahoma has had a checkered career so far as county health work is concerned. A few years ago a very creditable start was made in the development of county health work in that State. With a change in administration, however, all of this type of service was suspended. It was not until 1934 that this service was revived in Le Flore County. The following year Seminole County was added. During the year 1936, however, 17 additional counties appear in the list, so that the total now stands at 19 out of 77 counties in the State. It will be seen from the list that approximately half of these are individual health units, whereas the remainder belong to district groups.

1932	1933	1934	1935	1936
		Le Flore	Le Flore Seminole	Adair ² Beaver ¹ Carter Cherokee ² Cimarron ¹ Cleveland Delaware ² Harper ¹ Kingfisher Le Flore Mayes ² McCurtain Oklahoma Ottawa Payne Pittsburg Seminole Sequoyah ² Texas ¹

¹ Included in a district of 4 counties.² Included in a district of 5 counties.

OREGON

The list for 1936 is the same as that for 1935, the total being 6, or one-sixth of the entire number of counties in the State. The highest number of counties having whole-time health service in Oregon during the period covered by this report is recorded for 1932 and 1934 when for each year there were seven counties reported.

1932	1933	1934	1935	1936
Clackamas Coos Douglas Jackson Klamath Lane Marion	Clackamas Jackson Klamath Lane Marion Multnomah	Clackamas Douglas Jackson Klamath Lane Marion Multnomah	Clackamas Douglas Jackson Klamath Lane Marion	Clackamas Douglas Jackson Klamath Lane Marion

PENNSYLVANIA

In 1931 three whole-time county health units were organized in Pennsylvania, which continued through 1933. The pattern of public health administration in this State is planned principally along the lines of centralized organization, rather than local jurisdiction, and as such is not well adapted to the growth of county units, though there would appear to be no serious contra-indication against the formation of either county or district units.

1932	1933	1934	1935	1936
Allegheny Bucks Luzerne	Allegheny Bucks Luzerne			

RHODE ISLAND

Although there are no county health units in Rhode Island which correspond to the strict interpretation of this term, there are three districts comprising five, six, and nine towns, respectively, operating whole-time health unit services. The situation with respect to local government in Rhode Island is similar to that described for Massachusetts, so that organization on a county basis is impracticable.

1932	1933	1934	1935	1936
				Woonsocket-Kent ¹ South District ² Bristol-Newport ³

¹ District health unit composed of 5 towns.

² District health unit composed of 9 towns.

³ District health unit composed of 6 towns.

SOUTH CAROLINA

For the 3 years preceding 1936, the score of whole-time health units in South Carolina stood at 23. This number was exactly doubled in 1936, so that now the entire 46 counties are included in the local health administration program. South Carolina therefore belongs to the group of 100 percent States. This has been accomplished largely through the extension of the district plan of organization.

1932	1933	1934	1935	1936
Aiken Anderson Beaufort Berkeley Charleston Cherokee Darlington Dillon Dorchester Fairfield Florence Georgetown Greenville Greenwood Horry Kershaw Lexington Marion Newberry Oconee Orangeburg Pickens Richland Spartanburg	Aiken Anderson Beaufort Berkeley Charleston Cherokee Darlington Dillon ¹ Dorchester Fairfield Florence Georgetown Greenville Greenwood Horry Kershaw Marion ¹ Newberry Oconee Orangeburg Pickens Richland Spartanburg	Aiken Anderson Beaufort Berkeley Charleston Cherokee Darlington Dillon ¹ Dorchester Fairfield Florence Georgetown Greenville Greenwood Horry Kershaw Marion ¹ Newberry Oconee Orangeburg Pickens Richland Spartanburg	Aiken Anderson Beaufort Berkeley Charleston Cherokee Darlington Dillon ¹ Dorchester Fairfield Florence Georgetown Greenville Greenwood Horry Kershaw Marion ¹ Newberry Oconee Orangeburg Pickens Richland Spartanburg	Abbeville ² Aiken Allendale ² Anderson Bamberg ² Barnwell ² Beaufort Berkeley Calhoun ¹ Charleston Cherokee Chester ¹ Chesterfield ¹ Clarendon ² Colleton Darlington Dillon ¹ Dorchester Edgefield ² Fairfield Florence Georgetown ¹ Greenville Greenwood Hampton ¹ Horry Jasper ¹ Kershaw Lancaster ¹ Laurens ² Lee ² Lexington ¹ Marion ¹ Marlboro McCormick ² Newberry Oconee Orangeburg Pickens Richland Saluda ² Spartanburg Sumter ² Union ² Williamsburg York ¹

¹ Included in a district of 2 counties.² Included in a district of 3 counties.

SOUTH DAKOTA

For the 2 years preceding 1936 there were no counties in South Dakota having whole-time health service. During 1936, three individual county units and one district of four counties were organized, making a total of 7 counties under whole-time health service. This is regarded as a most notable advancement in view of the unprecedented drought situation which has so severely affected that State. The total number of counties in the State is 69.

1932	1933	1934	1935	1936
Pennington	Pennington			Bennett ¹ Charles Mix Haakon ¹ Hutchinson Jones ¹ Union Washabaugh ¹

¹ Included in a district of 4 counties.

TENNESSEE

Tennessee is one of the States in which whole-time county health administration has for a number of years been firmly established. As far back as 1932 there were 41 counties in this list. In 1935 the number stood at 36. The list for 1936 shows 43 out of the 95 counties under either county or district health administration.

1932	1933	1934	1935	1936
Bledsoe ¹	Bledsoe	Anderson ¹	Bledsoe ¹	Anderson ¹
Bradley	Bradley	Bledsoe ¹	Blount	Bledsoe ¹
Carter	Davidson	Blount	Bradley	Blount
Clay ¹	Dyer	Bradley	Carter ¹	Bradley
Davidson ¹	Fentress ¹	Campbell ¹	Davidson	Campbell ¹
Dyer	Gibson	Carter ¹	Fentress ¹	Carter ¹
Fentress ¹	Giles	Davidson	Gibson	Clairborne ²
Gibson	Greene	Dyer	Giles	Davidson
Giles	Grundy ¹	Fentress ¹	Greene	Fentress ¹
Greene	Hamilton	Gibson	Grundy	Gibson
Grundy ²	Hardeman	Giles	Hamilton	Giles
Hamilton	Humphreys	Greene	Hardeman	Grainger ²
Hardeman	Jackson ¹	Grundy	Humphreys	Greene
Humphreys	Knox	Hamilton	Jackson ¹	Grundy
Jackson ¹	Lake	Hardeman	Knox	Hamilton
Knox	Lauderdale	Humphreys	Lake	Hancock ²
Lake	Lincoln	Jackson ¹	Lauderdale	Hardeman
Lauderdale	Maury	Knox	Lincoln	Hardin
Lewis	Meigs ¹	Lake	Maury	Humphreys
Lincoln	Montgomery	Lauderdale	Meigs	Jackson ¹
Maury	Obion	Lincoln	Montgomery	Knox
Meigs ¹	Rhea ¹	Maury	Obion	Lake
Monroe	Roane	Meigs ¹	Rhea	Lauderdale
Montgomery	Rutherford	Montgomery	Roane	Lincoln
Obion	Sequatchie ¹	Obion	Rutherford	Maury
Overton ¹	Sevier	Rhea ¹	Sequatchie ¹	Meigs ¹
Pickett ¹	Shelby	Roane	Sevier	Monroe
Rhea ¹	Sullivan	Rutherford	Shelby	Montgomery
Roane	Sumner	Sequatchie ¹	Sullivan	Obion
Rutherford	Tipton	Sevier	Sumner	Rhea ¹
Sequatchie ²	Washington	Shelby	Tipton	Roane
Sevier	Weakley	Sullivan	Unicoi	Rutherford
Shelby	Williamson	Sumner	Washington	Sequatchie ¹
Sullivan	Wilson	Tipton	Weakley	Sevier
Sumner		Unicoi ¹	Williamson	Shelby
Tipton		Washington	Wilson	Sullivan
Unicoi		Weakley		Sumner
Washington		Williamson		Tipton
Weakley		Wilson		Unicoi ¹
Williamson				Washington
Wilson				Weakley
				Williamson
				Wilson

¹ Included in a district of 2 counties.

² Included in a district of 3 counties.

TEXAS

The growth of county health administration in Texas has been slow and uncertain. In 1935 there were nine counties served by either county or district health units, whereas the number for 1936 shows a gain of three, one county having been dropped from the 1935 list and four added to the list for 1936. When it is realized that there are 254 counties in the State of Texas, the number receiving whole-time health service is pitifully small. For a large number of the counties of Texas the adoption of district health organization is the only logical solution of the problem of local health service.

1932	1933	1934	1935	1936
Cameron Gregg Hidalgo McLennan Nolan Potter Starr Tarrant	Dallas El Paso Gregg Hidalgo McLennan Nolan Potter Tarrant	Dallas El Paso Gregg Hidalgo Nolan Potter Tarrant	Cameron Culberson ¹ Dallas El Paso ¹ Hidalgo Hudspeth ¹ Nolan Potter Tarrant	Bell Culberson ¹ Dallas El Paso ¹ Hidalgo Hudspeth ¹ Limestone Nolan Potter Smith Tarrant Winkler

¹ Included in a district of 3 counties.

UTAH

It will be noted that only one county in 1936 had a whole-time health unit. This is the same number as for 1935, but for the years 1932, 1933, and 1934, two counties appeared in the list. On the surface therefore it would appear that the Social Security funds have had little influence on the development of local health service in Utah. The total number of counties in that State is 29.

1932	1933	1934	1935	1936
Davis Utah	Davis Utah	Davis Utah	Davis	Davis

VIRGINIA

It will be noted that there was a very large increase in the number of counties with whole-time health organization in 1935 as compared with 1934, the number reported for the latter year being 17, and for the former, 40. There was again a substantial increase of 10 in the year 1936, so that the total now stands at 50 out of the total of 100 counties in the State. It will be observed further that the district plan of organization has been adopted in a rather extensive manner in Virginia.

1932	1933	1934	1935	1936
Accomac ¹ Albemarle Amelia ¹ Appomattox ¹ Arlington Augusta Brunswick ¹ Buckingham ¹ Charlotte ¹ Cumberland ¹ Fairfax Greensville ¹ Halifax Henrico Isle of Wight ¹ Nansemond ¹ Fairfax Greensville ¹ Halifax Henrico Isle of Wight ¹ Lunenburg ¹ Nansemond ¹ Norfolk ¹ Nottoway ¹ Pittsylvania Powhatan ¹ Prince Edward ¹ Princess Anne ¹ Rockbridge Southampton	Albemarle Arlington Augusta Brunswick ¹ Fairfax Greensville ¹ Halifax Henrico Isle of Wight ¹ Nansemond ¹ Pittsylvania Prince Edward Princess Anne ¹ Rockbridge Southampton	Albemarle Arlington Augusta Brunswick ¹ Fairfax Greensville ¹ Halifax Henrico Isle of Wight ¹ Nansemond ¹ Norfolk ¹ Nottoway ¹ Pittsylvania Prince Edward ¹ Princess Anne ¹ Rockbridge Southampton	Albemarle Alleghany ¹ Arlington Augusta Bath ¹ Brunswick ¹ Buckingham ¹ Dickinson ¹ Elizabeth City ¹ Fairfax Greene ¹ Greensville ¹ Halifax Hanover Henrico Isle of Wight ¹ James City ¹ Lee ¹ Madison ¹ Mecklenburg ¹ Montgomery Nansemond ¹ Norfolk ¹ Northampton Nottoway ¹ Page ¹	Albemarle Alleghany ¹ Arlington Augusta Bath ¹ Bland Brunswick ¹ Buchanan ¹ Buckingham ¹ Carroll Dickenson ¹ Elizabeth City ¹ Fairfax Grayson Greene ¹ Greensville ¹ Halifax Hanover Henrico Isle of Wight ¹ James City ¹ Lee ¹ Madison ¹ Mecklenburg ¹ Montgomery Nansemond ¹

¹ Included in a district of 2 counties.
² Included in a district of 3 counties.

³ Included in a district of 4 counties.
⁴ Included in a district of 7 counties.

VIRGINIA—continued

1932	1933	1934	1935	1936
			Pittsylvania ¹ Prince Edward ² Princess Anne ¹ Rappahannock ¹ Rockbridge ¹ Rockingham ¹ Scott ¹ Shenandoah ¹ Southampton Warren ¹ Warwick ¹ Wise ¹ Wythe York ¹	Norfolk ¹ Northampton Nottaway ¹ Page ¹ Pittsylvania Prince Edward ¹ Princess Anne ¹ Pulaski Rappahannock ¹ Rockbridge ¹ Rockingham ¹ Russell ¹ Scott Shenandoah ¹ Smyth Southampton Sussex Tazewell ¹ Warren ¹ Warwick ¹ Washington Wise ¹ Wythe York ¹

¹ Included in a district of 2 counties.² Included in a district of 3 counties.³ Included in a district of 4 counties.⁴ Included in a district of 7 counties.

WASHINGTON

From 1932 to 1935 the list remained stationary at eight. It will be noted, however, that two of the counties in the 1935 list do not appear in the list for 1936, while one county was added, so that the total for 1936 is seven, or a net loss of one as compared with 1935. It has been previously noted that North Carolina shows a net loss in 1936 as compared with 1935. Washington is the only other State in this classification. There is a total of 39 counties in the State.

1932	1933	1934	1935	1936
Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clark King Snohomish Spokane Walla Walla Whitman Yakima	Chelan Clallam Clark King Snohomish Spokane Walla Walla Yakima	Chelan Clallam Clark King Spokane Thurston Yakima

WEST VIRGINIA

West Virginia is another one of the States in which county health service is of comparatively long standing. The number of counties, however, has not shown a tendency to increase to any extent. Although the number for 1936 is 15, as compared with 14 for 1935, there were 15 counties in the list for 1932. It will be noted that all of the counties are individual units. Since there are 55 counties in the State, it is seen that somewhat less than one-third of the counties are organized on a whole-time basis.

1932	1933	1934	1935	1936
Berkeley Boone Brooke Fayette Hancock Harrison Kanawha Logan Marion Marshall Monongalia Ohio Preston Raleigh Wood	Berkeley Boone Fayette Hancock Harrison Kanawha Logan Marshall Monongalia Ohio Preston Raleigh Wood	Berkeley Boone Fayette Hancock Harrison Kanawha Logan Marshall Monongalia Ohio Preston Raleigh Wood	Berkeley Boone Brooke Fayette Hancock Harrison Kanawha Logan Marshall Monongalia Ohio Preston Raleigh Wood	Berkeley Boone Brooke Fayette Hancock Harrison Kanawha Logan Marshall Monongalia Ohio Preston Raleigh Wetzel Wood

WISCONSIN

Prior to 1936 there were no whole-time county or district health organizations in the State of Wisconsin. Through special appropriations of the State legislature and through the use of Social Security funds, however, organization of the entire State on a district plan has been made possible. All of the counties with the exception of Marathon are included in district organizations of seven to nine counties each. It is understood that future plans contemplate breaking down the districts into smaller district units and individual county health departments.

1932	1933	1934	1935	1936
				Adams ¹ Ashland ¹ Barron ² Bayfield ¹ Brown ² Buffalo ¹ Burnett ¹ Calumet ² Chippewa ² Clark ¹ Columbia ² Crawford ² Dane ² Dodge ² Door ² Douglas ¹ Dunn ² Eau Claire ² Florence ² Fond du Lac ² Forest ² Grant ² Green ² Green Lake ² Iowa ² Iron ¹ Jackson ¹ Jefferson ¹ Juneau ² Kenosha ¹ Kewaunee ² La Crosse ² La Fayette ² Langlade ² Lincoln ² Manitowoc ² Marathon Marinette ² Marquette ² Milwaukee ¹ Monroe ² Oconto ² Oneida ² Outagamie ²

¹ Included in a district of 7 counties.

² Included in a district of 8 counties.

³ Included in a district of 9 counties.

WISCONSIN—continued

1932	1933	1934	1935	1936
				Ozaukee ¹ Pepin ¹ Pierce ¹ Polk ¹ Portage ¹ Price ¹ Racine ¹ Richland ¹ Rock ¹ Rusk ¹ Sauk ¹ Sawyer ¹ Shawano ¹ Sheboygan ¹ St. Croix ¹ Taylor ¹ Trempealeau ¹ Vernon ¹ Vilas ¹ Walworth ¹ Washburn ¹ Washington ¹ Waukesha ¹ Waupaca ¹ Waushara ¹ Winnebago ¹ Wood ¹

¹ Included in a district of 7 counties.² Included in a district of 8 counties.³ Included in a district of 9 counties.

SUMMARY

The recapitulation (table 1) of the information presented in the preceding tables shows a total of 946 counties in the United States under some form of local whole-time health administration on December 31, 1936, as compared with 615 on December 31, 1935. It will be noted that there has been a net gain of 331 counties, which represents an increase of 41.7 percent.

TABLE 1.—Number of counties having whole-time health service as of December 31, 1932, 1933, 1934, 1935, and 1936, and increase or decrease during the years 1933 to 1936

State	Number of counties					Increase or decrease in—			
	Dec. 31, 1932	Dec. 31, 1933	Dec. 31, 1934	Dec. 31, 1935	Dec. 31, 1936	1933	1934	1935	1936
Alabama.....	54	46	50	56	57	-8	+4	+6	+1
Arizona.....	4	4	4	4	5	-----	-----	-----	+1
Arkansas.....	27	21	19	19	39	-6	-2	-----	+20
California.....	14	13	15	16	16	-1	+2	+1	-----
Connecticut.....	2	2	2	0	0	-----	-----	-2	-----
Delaware.....	3	3	3	3	3	-----	-----	-----	-----
Florida.....	3	2	2	3	14	-1	-----	+1	+11
Georgia.....	31	30	30	31	58	-1	-----	+1	+27
Idaho.....	1	0	0	0	4	-1	-----	-----	+4
Illinois.....	1	1	1	0	24	-----	-----	-1	+24
Indiana.....	0	0	0	0	1	-----	-----	-----	+1
Iowa.....	3	1	1	1	9	-2	-----	-----	+8
Kansas.....	6	4	3	3	3	-2	-1	-----	-----
Kentucky.....	79	73	70	75	78	-6	-3	+5	+3
Louisiana.....	31	31	32	34	36	-----	+1	+2	+2
Maine.....	5	5	5	2	15	-----	-----	-8	+13
Maryland.....	21	22	23	23	23	+1	+1	-----	-----
Massachusetts.....	3	3	3	3	4	-----	-----	-----	+1

TABLE 1.—*Number of counties having whole-time health service as of December 31, 1932, 1933, 1934, 1935, and 1936, and increase or decrease during the years 1933 to 1936—Continued*

State	Number of counties					Increase or decrease in—			
	Dec. 31, 1932	Dec. 31, 1933	Dec. 31, 1934	Dec. 31, 1935	Dec. 31, 1936	1933	1934	1935	1936
Michigan.....	29	30	33	39	42	+1	+3	+6	+3
Minnesota.....	1	1	1	1	10				+9
Mississippi.....	25	24	25	25	27	-1	+1		+2
Missouri.....	10	9	8	6	7	-1	-1	-2	+1
Montana.....	4	4	4	3	3			-1	
New Mexico.....	6	6	6	31	31			+25	
New York.....	4	5	5	5	57	+1			¹ +52
North Carolina.....	35	36	41	53	50	+1	+5	+12	-3
Ohio.....	45	40	39	40	48	-5	-1	+1	+8
Oklahoma.....	0	0	1	2	19		+1	+1	+17
Oregon.....	7	6	7	6	6	-1	+1	-1	
Pennsylvania.....	3	3	0	0	0		-3		
Rhode Island.....	0	0	0	0	5				+5
South Carolina.....	24	23	23	23	46	-1			+23
South Dakota.....	1	1	0	0	7		-1		+7
Tennessee.....	41	34	39	36	43	-7	+5	-3	+7
Texas.....	8	8	7	9	12		-1	+2	+3
Utah.....	2	2	2	1	1			-1	
Virginia.....	25	16	17	40	50	-9	+1	+23	+10
Washington.....	8	8	8	8	7				-1
West Virginia.....	15	13	13	14	15	-2		+1	+1
Wisconsin.....	0	0	0	0	71				+71
Total.....	581	530	542	615	946	-51	+12	+73	+331

¹ The large increase in counties having whole-time health service in New York did not occur during the year 1936 as the table seems to indicate. New York State has been organized for several years on the district unit basis. Due to a misinterpretation in previous statements of counties having whole-time health service those counties included in district organizations in New York were not reported.

Table 2 presents, by States, the percentage of rural population having health service under the direction of local whole-time health officers at the end of the calendar year 1936.

Of the 946 counties, townships, or districts with health service under whole-time local health officers at the close of 1936, 926, or 97.7 percent, were receiving financial assistance for the support of their health service from one or more of the following agencies: The State Board of Health, the United States Public Health Service, the Rockefeller Foundation, the American Red Cross, the American Women's Hospital Fund, the Rosenwald Fund, the Commonwealth Fund, and the Milbank Memorial Fund.

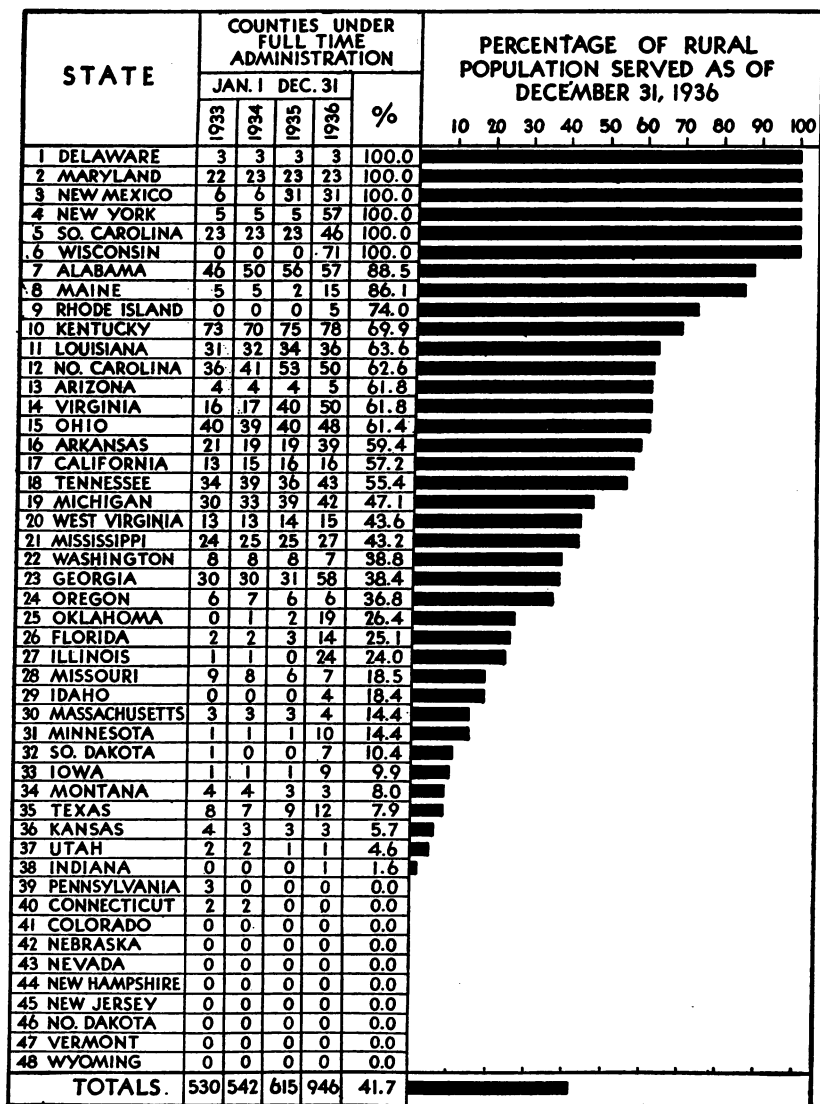


FIGURE 1.—Number of whole-time county or local district health units, by States, 1933-36, and percentage of rural population served on December 31, 1936.

TABLE 2.—Percentage of rural population having on Dec. 31, 1936, health service under local whole-time health officers

State	Rural population as of Dec. 31, 1936 (estimate from 1930 census)	Rural population with local health service under direction of whole-time health officers	Percentages of rural population with local health service under direction of whole-time health officers
Alabama	1,943,540	1,720,695	88.5
Arizona	331,208	204,988	61.8
Arkansas	1,478,121	879,335	59.4
California	1,794,237	1,026,535	57.2
Colorado	535,861	0	0.0
Connecticut	495,442	0	0.0
Delaware	123,794	123,794	100.0
Florida	771,512	194,356	25.1
Georgia	2,013,016	774,936	38.4
Idaho	317,300	58,614	18.4
Illinois	1,994,927	479,160	24.0
Indiana	1,442,611	24,150	1.6
Iowa	1,491,647	148,787	9.9
Kansas	1,151,165	66,372	5.7
Kentucky	1,836,950	1,234,279	69.9
Louisiana	1,332,409	848,646	63.6
Maine	480,838	414,190	86.1
Maryland	706,980	706,980	100.0
Massachusetts	560,480	81,134	14.4
Michigan	1,614,925	761,691	47.1
Minnesota	1,306,337	188,832	14.4
Mississippi	1,750,806	756,504	43.2
Missouri	1,770,248	327,540	18.5
Montana	356,570	28,718	8.0
Nebraska	892,377	0	0.0
Nevada	86,594	0	0.0
New Hampshire	211,240	0	0.0
New Jersey	716,003	0	0.0
New Mexico	330,403	330,403	100.0
New York	2,244,396	2,244,396	100.0
North Carolina	2,552,504	1,599,006	62.6
North Dakota	573,405	0	0.0
Ohio	2,176,907	1,337,159	61.4
Oklahoma	1,630,699	431,902	26.4
Oregon	511,236	188,313	36.8
Pennsylvania	3,097,139	0	0.0
Rhode Island	76,336	56,489	74.0
South Carolina	1,367,685	1,367,685	100.0
South Dakota	579,898	60,620	10.4
Tennessee	1,720,018	953,705	55.4
Texas	3,622,932	239,111	7.9
Utah	246,700	11,450	4.6
Vermont	240,845	0	0.0
Virginia	1,637,046	1,012,876	61.8
Washington	725,593	282,162	38.8
West Virginia	1,331,875	581,950	43.6
Wisconsin	1,385,163	1,385,163	100.0
Wyoming	167,595	0	0.0
Total	55,694,512	23,232,626	41.7

Reference to figure 1 reveals the fact that there are now six States in which 100 percent of the counties are served by either individual county health units or district health units. The following States have not at any time developed whole-time county health service as defined in the explanatory remarks preceding table 1:

Nebraska
Nevada
New Hampshire

New Jersey
North Dakota
Vermont

Figure 2 shows the location of the counties, townships, or districts in the United States with health service for rural areas under the

direction of whole-time health officers on December 31, 1936. It will be noted, however, that no distinction is made in the type of service maintained in the different counties. In reducing the map to

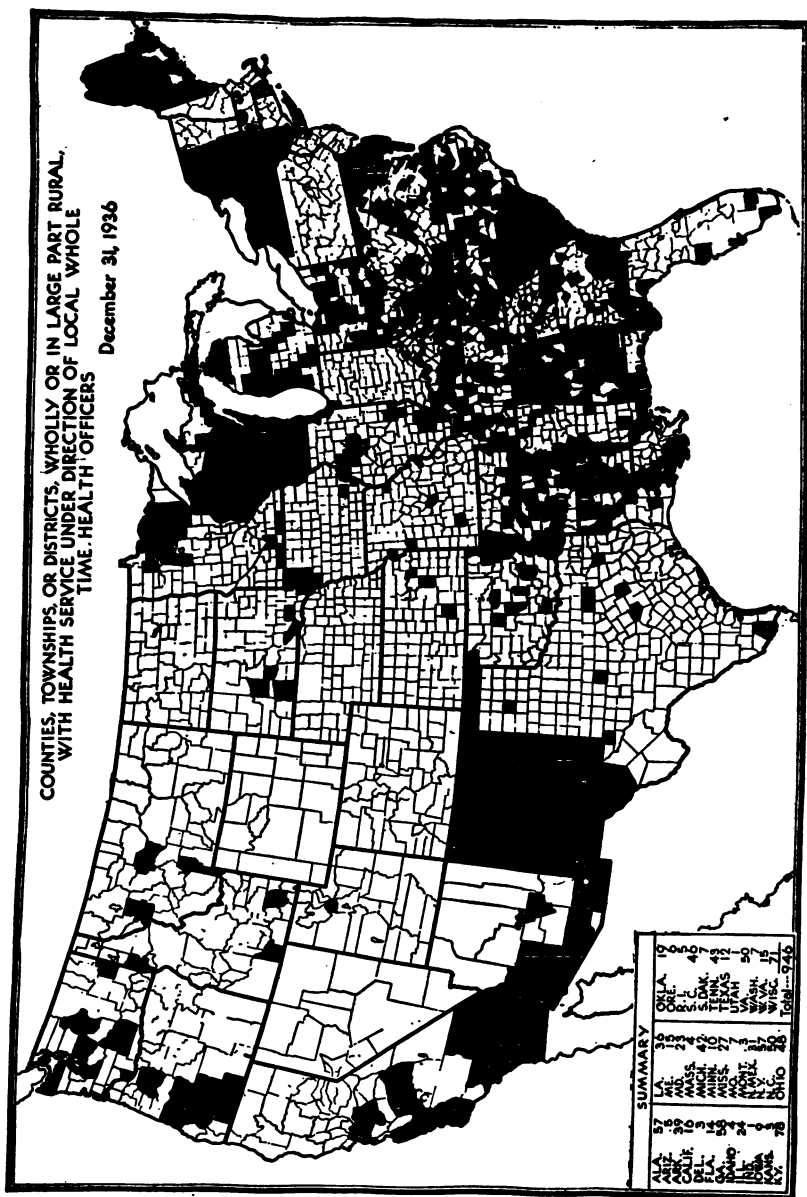


FIGURE 2.—Rural areas (in black) having whole-time health service, December 31, 1936.

a size suitable for reproduction in this report, it was found impracticable to attempt any form of code which would show a distinction between county and district organizations.

DIRECTORY OF WHOLE-TIME COUNTY HEALTH OFFICERS, 1937*

Each year the Public Health Service publishes information as to the extent of whole-time rural health service in the United States, giving the names of the counties so served in each State. The tabulation presented here supplements that information by giving the name, address, and official title of the whole-time county and district health officers. It would also serve a useful purpose to have a complete list of personnel for each whole-time county or district health unit, but this would involve considerable detail, and such information can be obtained for any county or district listed in this directory by communicating with the health officer.

State and county	Name of health officer	Post office	Official title
Alabama:			
Baldwin.....	P. M. Thompson, M. D.....	Bay Minette.....	County health officer.
Barbour.....	E. M. Moore, M. D.....	Clayton.....	Do.
Blount.....	W. A. Dodson, M. D.....	Oneonta.....	Do.
Bullock.....	H. R. Owen, M. D.....	Union Springs.....	Do.
Calhoun.....	G. A. Cryer, M. D.....	Anniston.....	Do.
Chambers.....	C. E. Johnson, M. D.....	Lafayette.....	Do.
Cherokee.....	S. C. Tatum, M. D.....	Center.....	Do.
Chilton.....	J. M. Kimmey, M. D.....	Clanton.....	Do.
Cleburne.....	F. R. Wood, M. D.....	Heflin.....	Do.
Coffee.....	H. T. Donovan, M. D.....	Elba.....	Do.
Colbert.....	R. E. Harper, M. D.....	Tusculum.....	Do.
Conecuh.....	E. L. Kelly, M. D.....	Evergreen.....	Do.
Cosa.....	W. D. Burkhalter, M. D.....	Rockford.....	Do.
Covington.....	C. D. McLeod, M. D.....	Andalusia.....	Do.
Crenshaw.....	J. O. Foster, M. D.....	Luverne.....	Do.
Cullman.....	M. S. Whiteside, M. D.....	Cullman.....	Do.
Dale.....	W. L. Orr, M. D.....	Ozark.....	Do.
Dallas.....	L. T. Lee, M. D.....	Selma.....	Do.
De Kalb.....	J. E. Dunn, M. D.....	Fort Payne.....	Do.
Elmore.....	C. S. Cotlin, Jr., M. D.....	Wetumpka.....	Do.
Escambia.....	W. J. Donald, M. D.....	Brewton.....	Do.
Etowah.....	O. L. Murphree, M. D.....	Gadsden.....	Do.
Franklin.....	N. F. Underwood, M. D.....	Russellville.....	Do.
Henry.....	W. L. Chambers, M. D.....	Abbeville.....	Do.
Houston.....	W. T. Burkett, M. D.....	Dothan.....	Do.
Jackson.....	G. E. Newton, M. D.....	Scottsboro.....	Do.
Jefferson.....	J. D. Dowling, M. D.....	Birmingham.....	Do.
Lamar.....	D. R. Brown, M. D.....	Vernon.....	Do.
Lauderdale.....	W. D. Hubbard, M. D.....	Florence.....	Do.
Lawrence.....	C. J. Fisher, M. D.....	Moulton.....	Do.
Lee.....	H. C. McRee, M. D.....	Opelika.....	Do.
Lincoln.....	F. N. Hall, M. D.....	Athens.....	Do.
Lowndes.....	E. F. Leatherwood, M. D.....	Hayneville.....	Do.
Macon.....	Murray Smith, M. D.....	Tuskegee.....	Do.
Madison.....	W. O. Hatchett, M. D.....	Huntsville.....	Do.
Marion.....	E. T. Norman, M. D.....	Linden.....	Do.
Marshall.....	T. L. Owings, M. D.....	Hamilton.....	Do.
Mobile.....	Lee Weathington, M. D.....	Gunthersville.....	Do.
Monroe.....	O. L. Chason, M. D.....	Mobile.....	Do.
Montgomery.....	M. F. Parker, M. D.....	Monroeville.....	Do.
Morgan.....	J. L. Bowman, M. D.....	Montgomery.....	Do.
Perry.....	L. R. Murphree, M. D.....	Decatur.....	Do.
Pickens.....	J. R. Long, M. D.....	Marion.....	Do.
Pike.....	J. J. Croley, M. D.....	Carrollton.....	Do.
Randolph.....	W. H. Abernethy, M. D.....	Troy.....	Do.
Russell.....	W. A. Edwards, M. D.....	Wedowee.....	Do.
Shelby.....	M. L. Shaddix, M. D.....	Phenix City.....	Do.
Sumter.....	H. C. Nickson, M. D.....	Columbiana.....	Do.
Talladega.....	B. V. Taylor, M. D.....	Livingston.....	Do.
Tallapoosa.....	J. H. Hill, M. D.....	Talladega.....	Do.
Tuscaloosa.....	O. C. Fargason, M. D.....	Dadeville.....	Do.
Walker.....	A. A. Kirk, M. D.....	Tuscaloosa.....	Do.
Washington.....	A. M. Waldrop, M. D.....	Jasper.....	Do.
Wilcox.....	I. C. Sumner, M. D.....	Chatom.....	Do.
Winston.....	E. L. McIntosh, M. D.....	Camden.....	Do.
	H. A. McClure, M. D.....	Double Springs.....	Do.

*As of January 1, 1937.

State and county	Name of health officer	Post office	Official title
Arizona:			
Cochise.....	R. B. Durfee, M. D.....	Bisbee.....	Director.
Gila.....	G. F. Manning, M. D.....	Globe.....	Do.
Maricopa.....	A. N. Crain, M. D.....	Phoenix.....	Do.
Pima.....	Lewis H. Howard, M. D.....	Tucson.....	Do.
Yuma.....	Jack B. Eason, M. D.....	Yuma.....	Do.
Arkansas:			
Conway.....	John M. Smith, M. D.....	Morrilton.....	Do.
Crittenden.....	B. M. Stevenson, M. D.....	Marion.....	Do.
Drew.....	Seldon W. Chambers, M. D.....	Monticello.....	Do.
Garland.....	J. F. Merritt, M. D.....	Hot Springs.....	Do.
Jefferson.....	W. H. Bruce, M. D.....	Pine Bluff.....	Do.
Mississippi.....	R. E. Schirmer, M. D.....	Blytheville.....	Do.
Pulaski.....	J. A. Summers, M. D.....	Little Rock.....	Do.
Sebastian.....	J. E. Johnson, M. D.....	Fort Smith.....	Do.
St. Francis.....	W. A. Winter, M. D.....	Forrest City.....	Do.
District No. 1.....	R. J. Turner, M. D.....	Fayetteville.....	Do.
Benton.....			
Crawford.....			
Washington.....			
District No. 2.....	A. M. Gibbs, M. D., C. P. H.	Hamburg.....	Do.
Ashley.....			
Chicot.....			
District No. 3.....	J. K. Grace, M. D.....	Arkadelphia.....	Do.
Clark.....			
Hempstead.....			
Nevada.....			
District No. 4.....	Marcus T. Smith, M. D.....	Conway.....	Do.
Cleburne.....			
Faulkner.....			
District No. 5.....	J. W. Ringgold, M. D.....	Ashdown.....	Do.
Howard.....			
Little River.....			
Sevier.....			
District No. 6.....	F. S. Dozier, M. D.....	Clarendon.....	Do.
Arkansas.....			
Monroe.....			
District No. 7.....	R. C. Kennerly, M. D.....	Camden.....	Do.
Calhoun.....			
Dallas.....			
Ouachita.....			
District No. 8.....	W. B. Bruce, M. D.....	Helena.....	Do.
Lee.....			
Phillips.....			
District No. 9.....	A. B. Tate, M. D.....	Russellville.....	Do.
Johnson.....			
Pope.....			
Yell.....			
District No. 10.....	Thomas C. Watson, M. D.....	Benton.....	Do.
Grant.....			
Hot Spring.....			
Saline.....			
District No. 11.....	J. F. Hays, M. D.....	Augusta.....	Do.
Cross.....			
White.....			
Woodruff.....			
Jackson.....	M. B. Owens, M. D.....	Newport.....	Assistant director.
California:			
Alameda.....	I. O. Church, M. D., C. P. H.	Oakland.....	County health officer.
Contra Costa.....	W. A. Powell, M. D.....	Martinez.....	Do.
Fresno.....	W. F. Stein, M. D.....	Fresno.....	Do.
Imperial.....	W. F. Fox, M. D.....	El Centro.....	Do.
Kern.....	Myrnie L. Gifford, M. D., C. P. H.	Kernville.....	Assistant county health officer.
Los Angeles.....	J. L. Pomeroy, M. D.....	Los Angeles.....	County health officer.
Madera.....	L. A. Stone, M. D.....	Madera.....	Do.
Monterey.....	R. M. Fortier, M. D.....	Salinas.....	Do.
Orange.....	K. H. Sutherland, M. D.....	Santa Ana.....	Do.
Riverside.....	W. A. Jones, M. D.....	Riverside.....	Do.
San Bernardino.....	E. B. Godfrey, M. D.....	San Bernardino.....	Do.
San Diego.....	A. M. Lessem, M. D.....	San Diego.....	Do.
San Joaquin.....	J. J. Sippy, M. D.....	Stockton.....	District health officer.
San Luis Obispo.....	A. F. Gillihan, M. D.....	San Luis Obispo.....	County health officer.
San Mateo.....	C. C. Gans, M. D.....	San Mateo.....	Do.
Santa Barbara.....	R. C. Main, M. D.....	Santa Barbara.....	Do.
Stanislaus.....	E. F. Reamer, M. D.....	Modesto.....	Do.
Delaware:			
Kent.....	E. F. Smith, M. D.....	Dover.....	Director county health unit.
New Castle.....	J. R. Downes, M. D.....	Newark.....	Do.
Sussex.....	F. I. Hudson, M. D.....	Georgetown.....	Do.
Florida:			
Broward.....	Paul G. Shell, M. D.....	Fort Lauderdale.....	Director.
Escambia.....	W. H. Pickett, M. D., C. P. H.	Pensacola.....	Do.

State and county	Name of health officer	Post office	Official title
Florida—Continued.			
Gadsden.....	C. W. McDonald, M. D.....	Quincy.....	Director.
Highlands.....	C. W. Pease, M. D.....	Avon Park.....	Do.
Hillsborough.....	J. S. Spoto, M. D., C. P. H.....	Tampa.....	Do.
Jackson.....	R. N. Joyner, M. D.....	Marianna.....	Do.
Leon.....	L. J. Graves, M. D.....	Tallahassee.....	Do.
Monroe.....	J. B. Parramore, M. D., C. P. H.....	Key West.....	Do.
Pinellas.....	T. E. Morgan, M. D., M. P. H.....	Clearwater.....	Do.
Taylor.....	C. A. O'Quinn, M. D., C. P. H.....	Perry.....	Do.
Wakulla.....	L. C. Gonzales, M. D., C. P. H.....	Wakulla.....	District health officer.
District health unit.....	J. W. McMurray, M. D., C. P. H.....	Apalachicola.....	Director.
Calhoun.			
Franklin.			
Gulf.			
Liberty.			
Georgia.			
Baldwin.....	O. F. Moran, M. D.....	Milledgeville.....	Commissioner of health.
Bartow.....	A. C. Shamblin, M. D.....	Cartersville.....	Do.
Bibb.....	J. D. Applewhite, M. D., M. P. H.....	Macon.....	Do.
Brooks.....	M. E. Groover, Jr., M. D.....	Quitman.....	Do.
Chatham.....	Victor H. Bassett, M. D.....	Savannah.....	Do.
Clarke.....	W. W. Brown, M. D.....	Athens.....	Do.
Cobb.....	J. E. Lester, M. D.....	Marietta.....	Do.
Colquitt.....	T. H. Chesnut, M. D.....	Moultrie.....	Do.
Decatur.....	M. A. Fort, M. D., D. P. H., Ph. G.....	Bainbridge.....	Do.
De Kalb.....	J. R. Evans, M. D., Ph. G.....	Decatur.....	Do.
Dougherty.....	Thomas W. Collier, M. D.....	Albany.....	Do.
Floyd.....	B. V. Elmore, M. D.....	Rome.....	Do.
Fulton.....	W. L. Gilbert, M. D.....	Atlanta.....	Do.
Glynn-McIntosh.....	M. E. Winchester, M. D., C. P. H., D. P. H.....	Brunswick.....	Do.
Grady.....	H. P. Rankin, M. D.....	Cairo.....	Do.
Hall.....	W. D. Cagle, M. D.....	Gainesville.....	Do.
Jefferson.....	L. B. Bryson, M. D.....	Louisville.....	Do.
Jenkins.....	H. B. Senn, M. D.....	Millen.....	Do.
Laurens.....	O. H. Cheek, M. D.....	Dublin.....	Do.
Lowndes.....	Gordon T. Crozier, M. D., D. P. H.....	Valdosta.....	Do.
Mitchell.....	O. O. Rainey, M. D.....	Camilla.....	Do.
Richmond.....	Thomas B. Phinry, M. D.....	Augusta.....	Do.
Spalding.....	W. O. Humphries, M. D.....	Griffin.....	Do.
Sumter.....	W. Franklin Castellow, M. D.....	Americus.....	Do.
Telfair-Wheeler.....	Walter L. Sheppard, M. D.....	McRae.....	Do.
Terrell.....	E. Frank Oary, M. D.....	Dawson.....	Do.
Thomas.....	J. R. Dykes, M. D.....	Thomasville.....	Do.
Tift.....	R. Floyd Payne, M. D.....	Tifton.....	Do.
Troup.....	S. C. Rutland, M. D.....	LaGrange.....	Do.
Walker-Catoosa.....	Richard C. Shepard, M. D.....	LaFayette.....	Do.
Ware.....	George E. Atwood, M. D., D. P. H.....	Waycross.....	Do.
Washington.....	O. L. Rogers, M. D.....	Sandersville.....	Do.
State Health District No. 6.	F. A. Brink, M. D.....	Blackshear.....	Do.
Appling.			
Atkinson.			
Bacon.			
Brantley.			
Bryan.			
Charlton.			
Clinch.			
Coffee.			
Echols.			
Jeff Davis.			
Lanier.			
Liberty.			
Long.			
Pierce.			
Wayne.			
State Health District No. 7.	Loren Wallin, M. D.....	Sparta.....	Do.
Columbia.			
Glascok.			
Greene.			
Hancock.			
Jasper.			
McDuffie.			
Morgan.			
Newton.			
Putnam.			
Taliaferro.			
Warren.			

State and county	Name of health officer	Post office	Official title
Idaho:			
Bannock.....	M. B. McQueen, M. D.....	Pocatello.....	Director.
Nex Perce-Latah.....	M. W. Caskey, M. D.....	Lewiston.....	Do.
Twin Falls.....	James W. Hawkins, M. D.....	Twin Falls.....	Do.
Illinois:			
District No. 1.....	C. W. Van Wormer, M. D.....	Homewood.....	District health superin-
Cook.....			tendent.
Lake.....			
District No. 3.....	J. A. Poling, M. D.....	Freeport.....	Do.
Boone.....			
McHenry.....			
Stephenson.....			
Winnebago.....			
District No. 5.....	Carl Peterson, M. D.....	Moline.....	Do.
Henry.....			
Knox.....			
Rock Island.....			
Stark.....			
District No. 9.....	Sandor Horwitz, M. D.....	Peoria.....	Do.
Marshall.....			
Peoria.....			
Tazewell.....			
Woodford.....			
District No. 13.....	Loren E. Orr, M. D.....	Greenview.....	Do.
Logan.....			
Mason.....			
Menard.....			
Sangamon.....			
District No. 16.....	Nettie Dorris, M. D.....	Paris.....	Do.
Clark.....			
Coles.....			
Cumberland.....			
Edgar.....			
Moultrie.....			
District No. 23.....	Roland R. Cross, M. D.....	Dahlgren.....	Do.
Franklin.....			
Hamilton.....			
Jefferson.....			
White.....			
District No. 25.....	L. S. Barger, M. D.....	Golconda.....	Do.
Gallatin.....			
Hardin.....			
Pope.....			
Saline.....			
Williamson.....			
Indiana:			
Lake.....	William D. Weis, M. D.....	Crown Point.....	County health commis-
			sioner.
Iowa:			
Des Moines.....	Arthur C. Schach, M. D.....	Burlington.....	Health officer.
Washington.....	R. M. Sorenson, M. D.....	Washington.....	Do.
Woodbury.....	W. S. Petty, M. D.....	Sioux City.....	Do.
District Health Serv-	William Trotter, M. D.....	Cherokee.....	Do.
ice No. 1.....			
Cherokee.....			
Lyon.....			
O'Brien.....			
Osceola.....			
Plymouth.....			
Sioux.....			
Kansas:			
Lyon.....	C. H. Munger, M. D.....	Emporia.....	County health officer.
Sedgwick.....	J. C. Montgomery, M. D.....	Wichita.....	Do.
Shawnee.....	F. E. McCord, M. D.....	Topeka.....	Do.
Kentucky:			
Adair.....	N. A. Mercer, M. D., M. P. H.	Columbia.....	Do.
Allen.....	C. W. Holland, M. D.....	Scottsville.....	Do.
Anderson.....	Lee A. Dare, M. D.....	Lawrenceburg.....	Do.
Ballard.....	C. B. Billington, M. D.....	Wickliffe.....	Do.
Barren.....	W. M. Chapman, M. D.....	Glasgow.....	Do.
Bath.....	J. S. Goodpaster, M. D.....	Owingsville.....	Do.
Bell.....	R. B. Fuls, M. D.....	Pineville.....	Do.
Boyd.....	R. D. Higgins, M. D., M. P. H.	Ashland.....	Do.
Breathitt.....	L. R. McCormack, M. D.....	Jackson.....	Do.
Butler.....	C. C. Threlkel, M. D.....	Morgantown.....	Do.
Caldwell.....	J. M. Dishman, M. D.....	Princeton.....	Do.
Calloway.....	J. A. Outland, M. D.....	Murray.....	Do.
Carlisle.....	J. F. Harrell, M. D.....	Bardwell.....	Do.
Carter.....	Don E. Wilder, M. D.....	Grayson.....	Do.
Casey.....	G. F. Brockman, M. D.....	Liberty.....	Do.
Clay.....	L. H. Wagers, M. D.....	Manchester.....	Do.
Clinton.....	W. G. Morgan, M. D.....	Albany.....	Do.
Cumberland.....	H. H. Bishop, M. D.....	Burkesville.....	Do.
Edmonson.....	L. E. Johnson, M. D.....	Brownsville.....	Do.

State and county	Name of health officer	Post office	Official title
Kentucky—Continued.			
Elliott.....	Temporary vacancy.....	Sandy Hook.....	County health officer.
Estill.....	R. R. Snowden, M. D.....	Irvine.....	Do.
Fayette.....	Chas. D. Cawood, M. D., C. P. H.	Lexington.....	Do.
	Earl E. Gambill, M. D.....	.....do.....	Assistant county health officer.
Fleming.....	C. W. Christine, M. D.....	Flemingsburg.....	County health officer.
Floyd.....	Marvin Ransdell, M. D.....	Prestonsburg.....	Do.
Fulton.....	Gracie R. Rowntree, M. D., C. P. H.	Hickman.....	Do.
Gallatin.....	H. A. Shields, M. D.....	Warsaw.....	Do.
Grant.....	N. H. Ellis, M. D.....	Williamstown.....	Do.
Grayson.....	L. C. Wray, M. D.....	Leitchfield.....	Do.
Green.....	J. W. Miller, M. D.....	Greensburg.....	Do.
Greenup.....	A. F. Smith, M. D.....	Greenup.....	Do.
Hart.....	E. M. Thompson, M. D.....	Munfordville.....	Do.
Henderson.....	J. Leland Tanner, M. D., M. P. H.	Henderson.....	Do.
Hickman.....	Chas. Hunt, M. D.....	Clinton.....	Do.
Hopkins.....	C. R. Morton, M. D.....	Madisonville.....	Do.
Jefferson.....	John D. Trawick, M. D.....	Louisville.....	Do.
Johnson.....	R. E. Wehr, M. D.....	Paintsville.....	Do.
Kenton.....	H. C. White, M. D.....	Covington.....	Do.
Knott.....	J. W. Duke, M. D.....	Hindman.....	Do.
Knox.....	W. V. Bradshaw, M. D.....	Barbourville.....	Do.
Laurel.....	G. S. Brock, M. D.....	London.....	Do.
Lawrence.....	A. M. Lyon, M. D.....	Louis.....	Do.
Lee.....	E. M. Brown, M. D.....	Beattyville.....	Do.
Leslie.....	W. W. Buckhold, M. D.....	Hyden.....	Do.
Letcher.....	R. D. Collins, M. D., M. P. H.	Whitesburg.....	Do.
Lincoln.....	K. T. Johnstone, M. D.....	Stanford.....	Do.
Lyon.....	N. M. Atkins, M. D.....	Eddyville.....	Do.
McCracken.....	R. E. Teague, M. D., C. P. H.	Paducah.....	Do.
McCreary.....	C. R. Markwood, M. D.....	Whitley City.....	Do.
McLean.....	P. D. Moore, M. D.....	Calhoun.....	Do.
Madison.....	H. G. Wells, M. D., C. P. H.	Richmond.....	Do.
Magoffin.....	H. K. Bailey, M. D.....	Salversville.....	Do.
Marshall.....	S. L. Henson, M. D.....	Benton.....	Do.
Martin.....	Wm. N. Keith, M. D.....	Inez.....	Do.
Mason.....	O. M. Goodloe, M. D., C. P. H.	Maysville.....	Do.
Meade.....	O. R. Lynch, M. D.....	Brandenburg.....	Do.
Menifee.....	E. T. Riley, M. D.....	Frenchburg.....	Do.
Metcalfe.....	H. T. Carter, M. D.....	Edmonton.....	Do.
Monroe.....	A. S. Yates, M. D.....	Tompkinsville.....	Do.
Muhlenberg.....	Roy Orsburn, M. D.....	Greenville.....	Do.
Nicholas.....	J. W. Scudder, M. D.....	Carlisle.....	Do.
Ohio.....	A. D. Park, M. D.....	Hartford.....	Do.
Owsley.....	J. R. Aker, M. D.....	Booneville.....	Do.
Perry.....	D. D. Turner, M. D.....	Hazard.....	Do.
Pike.....	C. P. Shields, M. D.....	Pikeville.....	Do.
Powell.....	S. T. Scrivner, M. D.....	Stanton.....	Do.
Pulaski.....	E. A. Steiner, M. D.....	Somerset.....	Do.
Rockcastle.....	Walker Owens, M. D.....	Mt. Vernon.....	Do.
Rowan.....	T. A. E. Evans, M. D.....	Morehead.....	Do.
Scott.....	C. M. Gambill, M. D., M. P. H.	Georgetown.....	Do.
Spencer.....	M. H. Skaggs, M. D., C. P. H.	Taylorsville.....	Do.
Todd.....	L. A. Crosby, M. D.....	Elkton.....	Do.
Trigg.....	J. O. Nall, M. D.....	Cadiz.....	Do.
Trimble.....	J. J. Gerkins, M. D.....	Bedford.....	Do.
Union.....	E. W. Atherton, M. D.....	Morganfield.....	Do.
Warren.....	G. M. Wells, M. D.....	Bowling Green.....	Do.
Wayne.....	Mack Roberts, M. D.....	Monticello.....	Do.
Webster.....	C. M. Smith, M. D.....	Dixon.....	Do.
Wolfe.....	J. L. Cox, M. D.....	Campton.....	Do.
Louisiana:¹			
Acadia.....	J. D. Hunter, M. D.....	Crowley.....	Director.
Assumption.....	P. M. Payne, M. D.....	Napoleonville.....	Do.
Ayovelles.....	L. W. Holloman, M. D.....	Marksville.....	Do.
Bienville.....	B. O. Morrison, M. D.....	Arcadia.....	Do.
Caddo.....	W. J. Sandidge, M. D., C. P. H.	Shreveport.....	Do.
Caldwell.....	Thomas Burk, M. D.....	Columbia.....	Do.
Catahoula.....	L. C. Spencer, M. D.....	Harrisonburg.....	Do.
Claiborne.....	H. R. Marlatt, M. D., C. P. H.	Homer.....	Do.
Concordia.....	John Schreiber, M. D.....	Vidalia.....	Do.
De Soto.....	R. A. Tharp, M. D.....	Mansfield.....	Do.
East Carroll.....	B. J. Aymond, M. D.....	Lake Providence.....	Do.
Franklin.....	R. E. Applewhite, M. D.....	Winnboro.....	Do.
Iberia.....	B. L. Stinson, M. D.....	New Iberia.....	Do.
Iberville.....	J. Cyril Eby, M. D.....	Plaquemine.....	Do.

¹ Parishes.

State and county	Name of health officer	Post office	Official title
Louisiana—Continued.			
Jefferson Davis.....	John M. Whitney, M. D.....	Jennings.....	Director.
Lafayette.....	A. J. Comeaux, M. D.....	Lafayette.....	Do.
Lafourche.....	H. S. Smith, M. D.....	Thibodaux.....	Do.
La Salle.....	E. L. Miller, M. D.....	Jena.....	Do.
Lincoln.....	R. H. Allen, M. D.....	Ruston.....	Do.
Madison.....	E. S. Freeman, M. D.....	Tallulah.....	Do.
Morehouse.....	N. P. Liles, M. D.....	Bastrop.....	Do.
Natchitoches.....	W. W. Knipmeyer, M. D., C. P. H.....	Natchitoches.....	Do.
Ouachita.....	G. D. Williams, M. D.....	Monroe.....	Do.
Pointe Coupee.....	W. L. Treuting, M. D.....	New Roads.....	Do.
Rapides.....	P. F. Murphy, M. D.....	Alexandria.....	Do.
Richland.....	R. O. C. Green, M. D.....	Rayville.....	Do.
St. Landry.....	F. V. Boyd, M. D.....	Opelousas.....	Do.
St. Martin.....	P. H. Fleming, M. D.....	St. Martinville.....	Do.
St. Mary.....	F. S. Williams, M. D.....	Franklin.....	Do.
Tensas.....	W. K. Evans, M. D.....	St. Joseph.....	Do.
Terrebonne.....	M. F. Houston, M. D.....	Houma.....	Do.
Union.....	J. G. Norris, M. D.....	Farmerville.....	Do.
Washington.....	F. A. Williams, M. D.....	Franklinton.....	Do.
Webster.....	W. C. Summer, M. D.....	Minden.....	Do.
West Carroll.....	A. F. Whitsitt, M. D.....	Oak Grove.....	Do.
Maine:			
Androscoggin.....	R. J. Wiseman, Jr., M. D.....	Lewiston.....	Local health officer.
Cumberland.....	Thomas Tetreau, M. D.....	Portland.....	Do.
Hancock.....	F. O. Alley, B. S.....	Bar Harbor.....	Do.
Kennebec.....	A. R. Daviau, M. D.....	Waterville.....	Do.
Oxford.....	T. S. Burr, M. D.....	Rumford.....	Do.
Penobscot.....	H. D. McNeil, M. D.....	Bangor.....	Do.
York.....	W. H. Kelly, M. D.....	Sanford.....	Do.
Cooperative Health Union ¹			
Franklin County.	B. L. Arms, M. D.....	Farmington.....	Director.
Motlow Health Union ¹	H. L. Jackson, M. D.....	Old Town.....	Local health officer.
Maryland:			
Allegany.....	J. P. Franklin, M. D.....	Cumberland.....	Deputy State health officer.
	W. B. Johnson, M. D.....	do.....	Assistant deputy State health officer.
Anne Arundel.....	W. J. French, M. D.....	Annapolis.....	Deputy State health officer.
Baltimore.....	J. S. Bowen, M. D.....	Towson.....	Do.
Calvert.....	I. N. King, M. D.....	Prince Frederick.....	Do.
Caroline.....	G. E. Waters, M. D.....	Denton.....	Do.
Carroll.....	W. C. Stone, M. D.....	Westminster.....	Do.
Cecil.....	C. A. Kane, M. D.....	Elkton.....	Do.
Charles.....	D. St. C. Campbell, M. D.....	La Plata.....	Do.
Dorchester.....	E. A. Jones, M. D.....	Cambridge.....	Do.
Frederick.....	E. C. Kefauver, M. D.....	Frederick.....	Do.
Garrett.....	E. C. Peck, M. D.....	Oakland.....	Do.
Harford.....	T. A. Callahan, M. D.....	Bel Air.....	Do.
Howard.....	E. R. Davies, M. D.....	Ellicott City.....	Do.
Kent.....	H. R. DuPuy, M. D.....	Chestertown.....	Do.
Montgomery.....	V. L. Ellicott, M. D., D. P. H.....	Rockville.....	Do.
Prince Georges.....	A. B. Hooton, M. D.....	Upper Marlboro.....	Do.
Queen Annes.....	J. A. McCallum, M. D.....	Centerville.....	Do.
St. Marys.....	Temporary vacancy.....	Do.....	Do.
Somerset.....	R. H. Johnson, M. D.....	Princess Anne.....	Do.
Talbot.....	L. S. Welty, M. D.....	Easton.....	Do.
Washington.....	W. R. Cameron, M. D.....	Hagerstown.....	Do.
Wicomico.....	S. H. Hurdle, M. D.....	Salisbury.....	Do.
Worcester.....	Bradford Massey, M. D.....	Pocomoke City.....	Do.
Massachusetts:			
Barnstable.....	Almon P. Goff, M. D.....	Hyannis.....	County health officer.
Berkshire ¹	Harold W. Stevens, M. D.....	Great Barrington.....	Medical director.
Franklin.....	Walter W. Lee, M. D.....	Greenfield.....	Health officer.
Nashoba ¹	James O. Walls, M. D., C. P. H.....	Ayer.....	Director of public health.
Michigan:			
Allegan.....	M. B. Beckett, M. D., C. P. H.....	Allegan.....	Director.
Barry.....	R. B. Harkness, M. D.....	Hastings.....	Do.
Branch.....	S. F. Leeder, M. D., D. P. H.....	Coldwater.....	Do.
Calhoun.....	M. R. Kinde, M. D.....	Marshall.....	Do.
Chippewa.....	David Littlejohn, M. D., D. P. H.....	Sault Ste. Marie.....	Do.
Delta.....	R. C. Farrier, M. D.....	Escanaba.....	Do.
Eaton.....	J. W. Davis, M. D.....	Charlottesville.....	Do.
Genesee.....	T. E. Gibson, M. D., M. P. H.....	Flint.....	Do.

¹ District.

State and county	Name of health officer	Post office	Official title
Michigan—Continued.			
Hillsdale.....	E. G. McGavran, M. D., C. P. H.	Hillsdale.....	Director.
Houghton-Keweenaw.....	F. J. Austin, M. D.....	Houghton.....	Do.
Iron.....	T. E. Camper, M. D.....	Stambaugh.....	Do.
Isabella.....	F. R. Town, M. D.....	Mt. Pleasant.....	Do.
Kent.....	J. D. Brook, M. D.....	Grand Rapids.....	Do.
Mecosta-Osceola.....	M. C. Igloe, M. D.....	Big Rapids.....	Do.
Menominee.....	J. A. Berg, M. D.....	Menominee.....	Do.
Midland.....	L. V. Burkett, M. D.....	Midland.....	Do.
Oakland.....	J. D. Monroe, M. D.....	Pontiac.....	Do.
Ottawa.....	Ralph TenHave, M. D., C. P. H.	Grand Haven.....	Do.
Saginaw.....	V. K. Volk, M. D., D. P. H.....	Saginaw.....	Do.
Van Buren.....	Frank Carroll, M. D., D. M. D., C. P. H.	Paw Paw.....	Do.
Wexford.....	S. C. Moore, M. D.....	Cadillac.....	Do.
District No. 1.....	T. R. Laughbaum, M. D.....	Lake City.....	Do.
Crawford.			
Kalkaska.			
Missaukee.			
Roscommon.			
District No. 2.....	Sue Thompson, M. D.....	West Branch.....	Do.
Alcona.			
Iosco.			
Ogemaw.			
Oscoda.			
District No. 3.....	Carleton Dean, M. D., C. P. H.	Charlevoix.....	Do.
Antrim.			
Charlevoix.			
Emmet.			
Otsego.			
District No. 4.....	G. B. Moffatt, M. D., D. P. H.	Rogers City.....	Do.
Alpena.			
Cheboygan.			
Montmorency.			
Presque Isle.			
District No. 5.....	Guy R. Post, M. D., C. P. H.	White Cloud.....	Do.
Lake.			
Newaygo.			
Oceana.			
District No. 6.....	C. D. Hart, M. D., C. P. H.	Newberry.....	Do.
Luce.			
Mackinac.			
Schoolcraft.			
District No. 7.....	E. V. Thiehoff, M. D.....	Gladwin.....	Do.
Arenac.			
Clare.			
Gladwin.			
District No. 8.....	L. W. Switzer, M. D.....	Manistee.....	Do.
Manistee.			
Mason.			
Minnesota:			
District No. 1.....	James R. Kingston, M. D.....	Bemidji.....	District health officer.
Beltrami.			
Hubbard.			
Itasca.			
Koochiching.			
District No. 2.....	Floyd M. Feldman, M. D., D. P. H.	Mankato.....	Do.
Blue Earth.			
Freeborn.			
Jackson.			
Martin.			
Mower.			
District No. 3.....	Proposed.....		
District No. 4.....	C. A. Scherer, M. D.....	Duluth.....	Do.
Carlton.			
Cook.			
St. Louis.			
Chippewa Indian Health Unit. ¹	Percy T. Watson, M. D., M. P. H.	Cass Lake.....	Medical director.
Mississippi:			
Adams.....	C. R. Gillespie, M. D.....	Natchez.....	Director.
Bolivar.....	R. D. Dedwylder, M. D.....	Cleveland.....	Do.
Coahoma.....	N. C. Knight, M. D., C. P. H.	Clarksdale.....	Do.
Copiah.....	J. C. McGuire, M. D.....	Hazlehurst.....	Do.
Forrest.....	B. D. Blackwelder, M. D., C. P. H.	Hattiesburg.....	Do.
Hancock.....	C. M. Shipp, M. D.....	Bay St. Louis.....	Do.
Harrison.....	D. J. Williams, M. D.....	Gulfport.....	Do.

¹ District.² Serving Indian population of northern part of the State.

State and county	Name of health officer	Post office	Official title
Mississippi—Contd.			
Hinds.....	W. E. Noblin, M. D.....	Jackson.....	Director.
Holmes.....	G. W. Mast, M. D.....	Lexington.....	Do.
Humphreys.....	J. W. Barkley, M. D.....	Belzoni.....	Do.
Jackson.....	R. G. Lander, M. D.....	Pascagoula.....	Do.
Jones.....	A. R. Perry, M. D., M. P. H.....	Laurel.....	Do.
Lamar.....	J. N. Mason, M. D.....	Purvis.....	Do.
Lauderdale.....	D. V. Galloway, M. D., M. P. H.....	Meridian.....	Do.
Lee.....	W. H. Cleveland, M. D.....	Tupelo.....	Do.
Leflore.....	L. A. Barnett, M. D.....	Greenwood.....	Do.
Lincoln.....	W. R. May, M. D., C. P. H.....	Brookhaven.....	Do.
Madison.....	C. C. Smith, M. D., C. P. H.....	Canton.....	Do.
Marshall.....	V. B. Harrison, M. D., C. P. H.....	Holly Springs.....	Do.
Monroe.....	C. H. Love, M. D.....	Aberdeen.....	Do.
Pearl River.....	R. J. Jones, M. D.....	Poplarville.....	Do.
Pike.....	T. Paul Haney, Jr., M. D., C. P. H.....	McComb.....	Do.
Sharkey.....	A. K. Barrier, M. D.....	Rolling Fork.....	Do.
Sunflower.....	H. B. Cottrell, M. D., C. P. H.....	Indianola.....	Do.
Union.....	Ray H. Biggs, M. D.....	New Albany.....	Do.
Warren.....	F. Michael Smith, M. D.....	Vicksburg.....	Do.
Washington.....	John W. Shackelford, M. D., M. P. H.....	Greenville.....	Do.
Yazoo.....	H. L. McCalip, M. D., C. P. H.....	Yazoo City.....	Do.
Missouri:			
Dunklin.....	Wheeler Davis, M. D.....	Kennett.....	County health officer.
Greene.....	L. M. Garner, M. D., C. P. H.....	Springfield.....	Do.
Marion.....	E. M. Lucke, M. D.....	Hannibal.....	Do.
Miller.....	R. L. Russell, M. D.....	Tusculum.....	Do.
St. Louis.....	T. R. Meyer, M. D., D. P. H.....	Clayton.....	Do.
Montana:			
Cascade.....	F. L. Watkins, M. D.....	Great Falls.....	Do.
Missoula.....	F. D. Pease, M. D.....	Missoula.....	Do.
Gallatin.....	F. D. Brewer, M. D.....	Bozeman.....	Do.
New Mexico:			
District No. 1.....	E. F. McIntyre, M. D.....	Santa Fe.....	District health officer.
Rio Arriba.....	A. A. Wolfson, M. D., serving ad interim; Dr. McIntyre is on study leave.	do.....	Deputy district health officer.
Santa Fe.....			
Taos.....	E. B. Beaver, M. D.....	Gallup.....	District health officer.
District No. 2.....			
McKinley.....			
San Juan.....	J. O. Long, M. D.....	Albuquerque.....	Do.
District No. 3.....	J. W. Elder, M. D., serving ad interim; Dr. Long is on study leave.	do.....	Deputy district health officer.
Bernalillo.....			
Sandoval.....	C. W. Gerber, M. D.....	Las Cruces.....	District health officer
District No. 4.....			
Dona Ana.....			
Lincoln.....			
Otero.....			
Sierra.....			
District No. 5.....	W. W. Johnston, M. D.....	Las Vegas.....	Do.
Guadalupe.....			
Mora.....			
San Miguel.....			
District No. 6.....	O. E. Puckett, M. D.....	Carlsbad.....	Do.
Chaves.....			
Eddy.....			
Lea.....			
District No. 7.....	J. C. Mitchell, M. D., C. P. H.....	Silver City.....	Do.
Grant.....			
Hidalgo.....			
Luna.....			
District No. 8.....	Harrison Eilers, M. D.....	Los Lunas.....	Do.
Catron.....			
Socorro.....			
Torrance.....			
Valencia.....			
District No. 9.....	Frank C. Diver, M. D.....	Raton.....	Do.
Colfax.....			
Harding.....			
Union.....			
District No. 10.....	Frank W. Parker, Jr., M. D., R. P. Kandle, M. D., serving ad interim; Dr. Parker is on study leave.	Clovis.....	Do.
Curry.....		do.....	Deputy district health officer.
DeBaca.....			
Quay.....			
Roosevelt.....			
New York:			
Cattaraugus.....	H. R. O'Brien, M. D., C. P. H.....	Olean.....	County health commis- sioner.
Columbia.....	L. Van Hoesen, M. D.....	Hudson.....	Do.
Cortland.....	M. R. French, M. D., C. P. H.....	Cortland.....	Do.
Suffolk.....	A. T. Davis, M. D.....	Riverhead.....	Do.
Westchester.....	M. Nicoll, Jr., M. D.....	White Plains.....	Do.

State and county	Name of health officer	Post office	Official title
New York—Continued.			
Albany District.....	D. M. Griswold, M. D., D. P. H.	Albany.....	District health officer.
Albany.	H.		
Greene.			
Rensselaer.			
Schenectady.			
Amsterdam District..	J. E. Perkins, M. D., D. P. H.	Amsterdam.....	Do.
Fulton.			
Montgomery.			
Binghamton District..	H. L. Chant, M. D., C. P. H.	Binghamton.....	Do.
Broome.			
Chenango.			
Tioga.			
Buffalo District.....	A. S. Dean, M. D., D. P. H.	Buffalo.....	Do.
Chautauqua.			
Erie.			
Genesee.			
Niagara.			
Orleans.			
Wyoming.			
Glens Falls District...	B. Diefendorf, M. D.....	Glens Falls.....	Do.
Saratoga.			
Warren.			
Washington.			
Gouverneur District...	S. W. Sayer, M. D.....	Gouverneur.....	Do.
Jefferson.			
Lewis.			
St. Lawrence.			
Hornell District.....	J. A. Conway, M. D.....	Hornell.....	Do.
Alegany.			
Chemung.			
Steuben.			
Ithaca District.....	V. A. VanVolkenburgh, M. D., D. P. H.	Ithaca.....	Do.
Schuyler.			
Tompkins.			
Middletown District...	F. W. Laidlaw, M. D.....	Middletown.....	Do.
Orange.			
Rockland.			
Sullivan.			
Ulster.			
New York City Dis- trict.	M. D. Dickinson, M. D.....	New York City.....	Do.
Nassau.			
Oneonta District.....	R. D. Champlin, M. D., C. P. H.	Oneonta.....	Do.
Delaware.			
Otsego.			
Schoharie.			
Oswego District.....	C. R. Hervey, M. D.....	Oswego.....	Do.
Oswego.			
Wayne.			
Poughkeepsie District.	B. E. Roberts, M. D.....	Poughkeepsie.....	Do.
Dutchess.			
Putnam.			
Rochester District...	E. L. Stebbins, M. D., C. P. H.	Rochester.....	Do.
Livingston.			
Monroe.			
Ontario.			
Yates.			
Saranac Lake District.	A. H. Cummings, M. D., C. P. H.	Saranac Lake.....	Do.
Clinton.			
Essex.			
Franklin.			
Hamilton.			
Syracuse District.....	P. J. Rafie, M. D., C. P. H.	Syracuse.....	Do.
Cayuga.			
Onondaga.			
Seneca.			
Utica District.....	H. J. Ball, M. D.....	Utica.....	Do.
Herkimer.			
Madison.			
Oneida.			
North Carolina:			
Beaufort.....	David Emerson Ford, M. D..	Washington.....	County health officer.
Bertie.....	Frank H. Garriss, M. D.....	Windsor.....	Do.
Bladen.....	Robert S. Cromartie.....	Elizabethtown.....	Do.
Buncombe.....	Howard L. Sumner, M. D.....	Asheville.....	Do.
Cabarrus.....	Daniel G. Caldwell, M. D.....	Concord.....	Do.
Columbus.....	Floyd Johnson, M. D.....	Whiteville.....	Do.
Craven.....	John S. Anderson, M. D.....	New Bern.....	Do.
Cumberland.....	Malcolm Tennyson Foster, M. D.	Fayetteville.....	Do.
Davidson.....	Grover Cleveland Gambrell, M. D.	Lexington.....	Do.
Duplin.....	Ransom Lee Carr, M. D.....	Kenansville.....	Do.

State and county	Name of health officer	Post office	Official title
North Carolina—Con.			
Durham	J. H. Epperson, M. S.	Durham	County health officer.
Edgecombe	Lorenzo Lynn Parks, M. D.	Tarboro	Do.
Franklin	Richard F. Yarborough, M. D.	Louisburg	Do.
Gaston	Robert Edgar Rhyne, M. D.	Gastonia	Do.
Granville	Joseph A. Morris, M. D.	Oxford	Do.
Guilford	Roderick Mark Buie, M. D.	Greensboro	Do.
Halifax	Robert Sherwood McGeachy, M. D.	Weldon	Do.
Harnett	William Blair Hunter, M. D.	Lillington	Do.
Hertford	Thomas G. Faison, M. D.	Winton	Do.
Lenoir	Zebulon Vance Moseley, M. D.	Kinston	Do.
Mecklenburg	Edgar Hall Hand, M. D.	Charlotte	Do.
Moore	John Symington, M. D.	Carthage	Do.
New Hanover	Avon Hall Elliot, M. D.	Wilmington	Do.
Northampton	Marion Henry Seawell, M. D.	Jackson	Do.
Pitt	N. Thomas Ennett, M. D.	Greenville	Do.
Randolph	George Herbert Sumner, M. D.	Asheboro	Do.
Richmond	Robert Malcolm Bardin, M. D.	Rockingham	Do.
Robeson	Eugene Ramsey Hardin, M. D.	Lumberton	Do.
Rowan	Charles W. Armstrong, M. D.	Salisbury	Do.
Rutherford	Howard C. Whims, M. D.	Rutherfordton	Do.
Sampson	Wyman Plato Starling, M. D.	Clinton	Do.
Surry	Ralph J. Sykes, M. D.	Mount Airy	Do.
Vance	Alfred D. Gregg, M. D.	Henderson	Do.
Wake	Alexander C. Bulla, M. D.	Raleigh	Do.
Wayne	Samuel B. McPheeters, M. D.	Goldsboro	Do.
Wilkes	Albert J. Eller, M. D.	Wilkesboro	Do.
Wilson	Wade Hampton Anderson, M. D.	Wilson	Do.
Districts:			
Avery - Watauga - Yancey	Clarence Hunt White, M. D.	Burnsville	District health officer.
	Robert R. King, M. D.	Boone	Assistant district health officer.
Forsyth - Stokes - Yadkin	John Roy Hege, M. D.	Winston-Salem	District health officer.
Haywood-Jackson-Swain-Macon-Graham	Crete Nixon Sisk, M. D.	Waynesville	Do.
	Zack Perry Mitchell, M. D.	Bryson City	Assistant district health officer.
	Harry Miller, M. D.	Franklin	Do.
Orange-Person	William P. Richardson, M. D.	Chapel Hill	District health officer.
	Sigma Van Lewis, M. D.	Roxboro	Assistant district health officer.
Ohio:			
Athens	J. M. Higgins, M. D.	Athens	Health commissioner.
Belmont	A. J. Martin, M. D.	St. Clairsville	Do.
Brown	W. L. Faul, M. D.	Georgetown	Do.
Butler	C. J. Baldridge, M. D.	Hamilton	Do.
Clermont	J. A. Carter, M. D.	Batavia	Do.
Clinton	W. K. Rubie, M. D.	Wilmington	Do.
Crawford	G. T. Wasson, M. D.	Bucyrus	Do.
Cuyahoga	Robert Lockhart, M. D.	Cleveland	Do.
Darke	W. D. Bishop, M. D.	Greenville	Do.
Delaware	B. B. Barber, M. D.	Delaware	Do.
Erie	F. M. Houghtaling, M. D.	Sandusky	Do.
Fairfield	W. R. Coleman, M. D.	Lancaster	Do.
Fayette	James F. Wilson, M. D.	Washington C. H.	Do.
Greene	G. E. Savage, M. D.	Xenia	Do.
Guernsey	D. L. Cowden, M. D.	Cambridge	Do.
Hamilton	E. H. Schoenling, M. D.	Cincinnati	Do.
Hancock	S. F. Whisler, M. D.	Findlay	Do.
Hocking	W. B. Lacock, M. D.	Logan	Do.
Huron	B. C. Pilkey, M. D.	Norwalk	Do.
Jefferson	J. P. Young, M. D.	Steubenville	Do.
Lorain	F. R. Dew, M. D.	Oberlin	Do.
Lucas	T. W. Mahoney, M. D.	Toledo	Do.
Madison	Robert Trimble, M. D.	London	Do.
Mahoning	G. Y. Davis, M. D.	Youngstown	Do.
Marion	N. Sifritt, M. D.	Marion	Do.
Medina	V. L. Hartman, M. D.	Medina	Do.
Meigs	W. S. Ellis, M. D.	Pomeroy	Do.
Mercer	F. E. Ayers, M. D.	Celina	Do.
Miami	E. R. Hiatt, M. D.	Troy	Do.
Montgomery	H. H. Pansing, M. D.	Dayton	Do.
Morrow	R. L. Pierce, M. D.	Mt. Gilead	Do.
Muskingum	Beatrice Hagen, M. D.	Zanesville	Do.
Perry	F. J. Crosbie, M. D.	New Lexington	Do.
Pickaway	V. D. Kerns, M. D.	Circleville	Do.
Preble	J. I. Nisbet, M. D.	Eaton	Do.

State and county	Name of health officer	Post office	Official title
Ohio—Continued.			
Richland	M. C. Hanson, M. D.	Mansfield	Health commissioner.
Ross	R. E. Bower, M. D.	Chillicothe	Do.
Seneca	D. W. Fellers, M. D.	Tiffin	Do.
Shelby	Paul C. Bratten, M. D.	Sidney	Do.
Stark	Floyd R. Stamp, M. D.	Canton	Do.
Summit	R. H. Markwith, M. D.	Akron	Do.
Trumbull	L. A. Connell, M. D.	Warren	Do.
Union	H. G. Southard, M. D.	Marysville	Do.
Vinton	W. B. Lacock, M. D.	McArthur	Do.
Washington	Alfred G. Sturgiss, M. D.	Marietta	Do.
Wayne	J. J. Sutter, M. D.	Wooster	Do.
Wood	H. J. Powell, M. D.	Bowling Green	Do.
Wyandot	L. W. Naus, M. D.	Upper Sandusky	Do.
Oklahoma:			
Carter	R. M. Parish, M. D.	Ardmore	Director.
Cleveland	Guy H. Williams, M. D.	Norman	Do.
Kingfisher	A. O. Meredith, M. D.	Kingfisher	Do.
LeFlore	R. L. Wright, M. D.	Poteau	Do.
McCurtain	R. D. Williams, M. D.	Idabel	Do.
Oklahoma	Albert Cates, M. D.	Oklahoma City	Do.
Payne	J. F. Hackler, M. D.	Stillwater	Do.
Pittsburg	Ernest Thomas, M. D.	McAlester	Do.
Seminole	George Hunter, M. D.	Seminole	Do.
District No. 1	Grady F. Matthews, M. D.	Tahlequah	Do.
Adair			
Cherokee			
Delaware			
Mayes			
Sequoyah			
District No. 2	Johnny A. Blue, M. D.	Guymon	Do.
Beaver			
Cimarron			
Harper			
Texas			
Oregon:			
Clackamas	Courtney Smith, M. D.	Oregon City	County health officer.
Douglas	J. E. Campbell, M. D.	Roseburg	Do.
Jackson	C. I. Drummond, M. D.	Medford	Do.
Josephine	S. L. Osgood, M. D.	Grants Pass	Do.
Klamath	Neil Black, M. D.	Klamath Falls	Do.
Lane	E. L. Gardner, M. D.	Eugene	Do.
Marion	Vernon Douglass, M. D.	Salem	Do.
Multnomah	Harry R. Clift, M. D.	Portland	Do.
Washington	D. C. McDonald, M. D.	Hillsboro	Do.
Rhode Island:			
Districts:			
Bristol-Newport	Joseph Castronovo, M. D.	Bristol	District health officer.
South	Raymond F. McAteer, M. D.	Peace Dale	Do.
Woonsocket-Kent	James P. O'Brien, M. D.	Woonsocket	Do.
South Carolina:			
Aiken	J. T. Hair, M. D.	Aiken	Health director.
Anderson	Goodman Bare, M. D.	Anderson	Do.
Beaufort	C. T. Larisey, M. D.	Beaufort	Do.
Berkeley	W. K. Fishburne, M. D.	Moncks Corner	Do.
Charleston	Leon Banov, M. D.	Charleston	Do.
Cherokee	G. R. Westrope, M. D.	Gaffney	Do.
Colleton	C. L. Guyton, M. D.	Walterboro	Do.
Darlington	W. A. Carrigan, M. D.	Darlington	Do.
Dorchester	B. M. Montgomery, M. D.	St. George	Do.
Fairfield	J. L. Bryson, M. D.	Winnsboro	Do.
Florence	J. R. Claussen, M. D.	Florence	Do.
Greenville	Baylis Earle, M. D.	Greenville	Do.
Greenwood	J. E. Brodie, M. D.	Greenwood	Do.
Horry	P. H. Edwards, M. D.	Conway	Do.
Kershaw	A. W. Humphries, M. D.	Camden	Do.
Marlboro	J. Y. O'Daniel, M. D.	Bennettsville	Do.
Newberry	Clause Sease, M. D.	Newberry	Do.
Oconee	W. B. Furman, M. D.	Pickens	Do.
Orangeburg	G. C. Bolin, M. D.	Orangeburg	Do.
Pickens	W. B. Furman, M. D.	Pickens	Do.
Richland	E. P. White, M. D.	Columbia	Do.
Spartanburg	J. M. Beeler, M. D.	Spartanburg	Do.
Districts:			
Abbeville-Laurens-Union	R. M. Street, M. D.	Laurens	Do
Allendale-Bamberg-Barnwell	L. T. Claytor, M. D.	Barnwell	Do.
Calhoun-Lexington	F. L. Geiger, M. D.	St. Matthews	Do.
Chester-York	W. B. Jones, M. D.	Chester	Do.
Chesterfield-Lancaster	A. J. Cauthen, M. D.	Lancaster	Do.

State and county	Name of health officer	Post office	Official title
South Carolina—Con.			
Districts—Continued.			
Clarendon - Lee	G. H. Zerbst, M. D.	Sumter	Health director.
Sumter			
Dillon-Marion	C. A. Henderson, M. D.	Dillon	Do.
Edgefield - McCormick-Saluda	O. D. Garvin, M. D.	Edgefield	Do.
Georgetown - Williamsburg	J. H. Pearce, M. D.	Georgetown	Do.
Hampton-Jasper	L. T. Claytor, M. D.	Barnwell	Do.
	C. T. Larisey, M. D.	Ridgeland	Do.
South Dakota:			
Charles Mix	P. R. Pinard, M. D.	Wagner	Director.
Hutchinson	R. H. Payne, M. D.	Tripp	Do.
Union	Wm. F. Bushnell, M. D.	Elk Point	Do.
District	K. W. Navin, M. D.	Phillip	Do.
Bennett.			
Haakon.			
Jones.			
Washabaugh.			
Tennessee:			
Blount	A. E. Hardison, M. D.	Maryville	Do.
Bradley	W. Carey Sanford, M. D.	Cleveland	Do.
Davidson	J. J. Lentz, M. D.	Nashville	County health officer.
Gibson	F. L. Roberts, M. D., D. P. H.	Trenton	Director.
Giles	Joseph C. Tatum, M. D.	Pulaski	Do.
Greene	R. S. Cowles, M. D.	Greeneville	Do.
Grundy	U. B. Bowden, M. D.	Pelham	Do.
Hamilton	J. C. Eldridge, M. D.	Chattanooga	Do.
Hardeman	R. L. Cobb, M. D.	Bolivar	Do.
Hardin	J. W. Erwin, M. D.	Savannah	Do.
Humphreys	R. E. Bilbrey, M. D.	Waverly	Do.
Knox	A. G. Hufstедler, M. D.	Knoxville	Do.
Lake	J. P. Moon, M. D.	Tiptonville	Do.
Lauderdale	R. B. Griffin, M. D.	Ripley	Do.
Lincoln	M. F. Brown, M. D.	Payetteville	Do.
Maury	H. C. Busby, M. D., C. P. H.	Columbia	Do.
Monroe	David M. Cowgill, M. D., C. P. H.	Madisonville	Do.
Montgomery	F. J. Malone, M. D.	Clarksville	Do.
Obion	W. B. Harrison, M. D.	Union City	Do.
Roane	J. C. Fly, M. D.	Kingston	Do.
Rutherford	J. B. Black, M. D., C. P. H.	Murfreesboro	Do.
Sevier	H. A. Saubert, M. D.	Sevierville	Do.
Shelby	W. P. Moore, M. D.	Memphis	Do.
Sullivan	F. L. Moore, M. D., C. P. H.	Blountville	Do.
Sumner	W. M. Dedman, M. D.	Gallatin	Do.
Tipton	A. J. Butler, M. D.	Covington	Do.
Washington	W. L. Poole, M. D., C. P. H.	Jonesboro	Do.
Weakley	M. D. Ingram, M. D.	Dresden	Do.
Williamson	Don C. Peterson, M. D., C. P. H.	Franklin	Do.
Wilson	B. W. Patton, M. D.	Lebanon	Do.
Districts:			
Anderson-Campbell	H. S. Rule, M. D.	Clinton	Do.
Bledsoe-Sequatchie	H. M. Roberson, M. D.	Pikeville	Do.
Carter-Unicoi	F. M. Foote, M. D., D. P. H.	Elizabethton	Do.
Claborn-Grainger-Hancock	A. B. Shipley, M. D.	Tazewell	Do.
Jackson-Overtown-Pickett-Fentress	F. B. Clark, M. D.	Gainesboro	Assistant director.
Rhea-Meigs	E. N. Haller, M. D.	Dayton	Do.
Texas:			
Bell	E. W. Prothro, M. D.	Temple	Director.
Dallas	Horace E. Duncan, M. D., C. P. H.	Dallas	Do.
El Paso-Hudspeth-Culberson	J. W. Tappan, M. D.	El Paso	Do.
Gregg	T. B. Wilson, M. D.	Longview	Do.
Hidalgo	D. R. Handley, M. D.	Edinburg	Do.
Limestone	W. B. Summers, M. D.	Mexia	Do.
Nolan	Geo. A. Gray, M. D.	Sweetwater	Do.
Potter	B. M. Primer, M. D., M. P. H.	Amarillo	Do.
Smith	A. E. Hill, M. D.	Tyler	Do.
Tarrant	Burke Brewster, M. D.	Fort Worth	Do.
Winkler	L. T. Cox, M. D.	Kermit	Do.
Utah:			
Davis	Sumner Gleason, M. D.	Kaysville	Do.
Virginia:			
Albemarle	Robert D. Hollowell, M. D., C. P. H.	Charlottesville	Health officer.
Alleghany-Rock-bridge.	Robert P. Cooke, M. D.	Lexington	Do.
	James T. Duncan, M. D.	do.	Assistant health officer.

State and county	Name of health officer	Post office	Official title
Virginia—Continued.			
Arlington.....	Temporary vacancy ¹	Arlington.....	
Augusta.....	John D. Hamner, Jr., M. D.	do.....	Assistant health officer.
	John C. Neale, Jr., M. D.,	Staunton.....	Health officer.
	C. P. H.		
Brunswick-Greens-	Hugh M. Wallace, M. D.	do.....	Assistant health officer.
ville-Mecklenburg.	Thomas H. Valentine, M. D.	Lawrenceville.....	Health officer.
Buchanan-Russell-			
Tazewell.	Charles L. Savage, M. D.	Richlands.....	Do.
Buckingham-Notto-	William A. Brumfield, M. D.	Farmville.....	Do.
way-Prince Edward.			
Dickenson-Lee-Wise.	John R. Massie, M. D.	Norton.....	Do.
Fairfax.....	Edward M. Holmes, Jr., M. D.,	Fairfax.....	Do.
	D., C. P. H.		
Halifax.....	Daniel C. Steelsmith, M. D.,	South Boston.....	Do.
	C. P. H.		
Hanover.....	Linwood Farley, M. D.	Ashland.....	Do.
Henrico.....	Temporary vacancy.....		
Isle of Wight-Nanse-	R. Campbell Manson, M. D.	Suffolk.....	Acting health officer.
mond.			
Montgomery.....	Sheldon D. Carey, M. D.	Christiansburg.....	Health officer.
Norfolk-Princess	Josiah Leake, M. D.	Portsmouth.....	Do.
Anne.			
Northampton.....	Hugh B. Magill, Jr., M. D.	Eastville.....	Do.
Pittsylvania.....	William H. Walcott, M. D.	Chatham.....	Do.
Pulaski.....	Harold M. Kelso, M. D.	Pulaski.....	Do.
Southampton.....	Peter P. Causey, M. D.	Courtland.....	Do.
Sussex.....	John H. Bonner, M. D.	Stony Creek.....	Do.
Washington.....	Mack I. Shanholtz, M. D.	Bristol.....	Do.
Wythe.....	Joseph L. Hundley, M. D.	Wytheville.....	Do.
Peninsula Health Dis-	Jack B. Porterfield, M. D.	Williamsburg.....	Do.
trict.			
Elizabeth City.			
James City.			
Warwick.			
York.			
Valley Health Dis-	Shockley D. Gardner, M. D.	Luray.....	Do.
trict.			
Greene.			
Madison.			
Page.			
Rappahannock.			
Rockingham.			
Shenandoah.			
Warren.			
Washington:			
Chelan.....	C. R. Fargher, M. D.	Wenatchee.....	County health officer.
Clallam.....	Leland Powers, M. D.	Port Angeles.....	Do.
Clark.....	J. A. Kahl, M. D.	Vancouver.....	Do.
King.....	Wallace D. Hunt, M. D.	Seattle.....	Do.
Spokane.....	A. E. Lien, M. D.	Spokane.....	Do.
Thurston.....	Sanford Lehman, M. D.	Olympia.....	Do.
Yakima.....	Lloyd Moffitt, M. D.	Yakima.....	Do.
West Virginia:			
Berkeley.....	C. A. Thomas, M. D.	Martinsburg.....	Health officer.
Boone.....	R. L. Hunter, M. D.	Madison.....	Do.
Brooke.....	W. T. Booher, M. D.	Wellsburg.....	Do.
Fayette.....	C. E. Watkins, M. D.	Fayetteville.....	Do.
Hancock.....	Thomas H. Bruce, M. D.	New Cumberland.....	Acting health officer.
Harrison.....	A. J. Kemper, M. D.	Clarksburg.....	Health officer.
Kanawha.....	Leo Mynes, M. D.	Charleston.....	Acting health officer.
Logan.....	T. J. Farley, M. D.	Logan.....	Health officer.
Marshall.....	W. G. C. Hill, M. D.	Moundsville.....	Do.
Monongalia.....	Rex A. Burdette, M. D.	Morgantown.....	Do.
Ohio.....	Reece M. Pedicord, M. D.	Wheeling.....	City-county health offi-
			cer.
Preston.....	C. Y. Moser, M. D.	Kingwood.....	Health officer.
Raleigh.....	W. W. Hume, M. D.	Beckley.....	Do.
Wood.....	A. D. Knott, D. P. H.	Parkersburg.....	Do.
Wetzel.....	Edwin Cameron, M. D.	New Martinsville.....	Do.
Wisconsin:			
Dane.....	E. F. Hoffman, M. D.	Madison.....	Medical director, county
			sanitary unit.
Marathon.....	H. H. Fechtner, M. D.	Wausau.....	Do.
District No. 1.....	G. W. Henika, M. D.	Madison.....	District health officer.
Columbia.			
Crawford.			
Grant.			
Green.			
Iowa.			
LaFayette.			
Richland.			
Sauk.			

¹ Dr. Earle G. Brown appointed health officer in April 1937.

State and county	Name of health officer	Post office	Official title
Wisconsin—Continued.			
District No. 2..... Jefferson. Kenosha. Milwaukee. Racine. Rock. Walworth. Waukesha.	George E. Hoyt, M. D.....	Elkhorn.....	District health office.
District No. 3..... Calumet. Dodge. Fond du Lac. Manitowoc. Ozaukee. Sheboygan. Washington. Winnebago.	V. A. Gudex, M. D.....	Fond du Lac.....	Do.
District No. 4..... Adams. Green Lake. Juneau. La Crosse. Marquette. Monroe. Vernon. Waushara.	E. H. Jorris, M. D.....	Mauston.....	Do.
District No. 5..... Buffalo. Clark. Jackson. Pepin. Portage. Trempealeau. Wood.	L. M. Morse, M. D.....	Neillsville.....	Do.
District No. 6..... Brown. Door. Kewaunee. Marinette. Oconto. Outagamie. Shawano. Waupaca.	Allan Filek, M. D.....	Green Bay.....	Do.
District No. 7..... Barron. Chippewa. Dunn. Pierce. Polk. Rusk. St. Croix.	F. P. Daly, M. D.....	Chippewa Falls.....	Do.
District No. 8..... Florence. Forest. Langlade. Lincoln. Oneida. Price. Taylor. Vilas.	R. L. Frisbie, M. D.....	Rhineland.....	Do.
District No. 9..... Ashland. Bayfield. Burnett. Douglas. Iron. Sawyer. Washburn.	John W. Lowe, M. D.....	Ashland.....	Do.

DEATHS DURING WEEK ENDED OCT. 30, 1937

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Oct. 30, 1937	Correspond- ing week, 1936
Data from 36 large cities of the United States:		
Total deaths	8, 129	7, 938
Average for 3 prior years	7, 807	-----
Total deaths, first 43 weeks of year	370, 830	370, 255
Deaths under 1 year of age	510	521
Average for 3 prior years	550	-----
Deaths under 1 year of age, first 43 weeks of year	23, 828	23, 946
Data from industrial insurance companies:		
Policies in force	69, 848, 865	68, 485, 845
Number of death claims	12, 266	11, 908
Death claims per 1,000 policies in force, annual rate	9.2	9.1
Death claims per 1,000 policies, first 43 weeks of year, annual rate	9.8	9.8

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

In these and the following tables a zero (0) is to be interpreted to mean that no cases or deaths occurred, while leaders (.....) indicate that cases or deaths may have occurred, although none was reported.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936
New England States:								
Maine.....	1	4	3	.....	37	12	0	0
New Hampshire.....	.....	.....	.....	.....	45	3	0	0
Vermont.....	.....	.....	.....	.....	39	1	0	0
Massachusetts.....	3	2	.....	.....	59	60	0	2
Rhode Island.....	3	.....	.....	.....	2	155	0	0
Connecticut.....	4	3	1	3	4	36	0	0
Middle Atlantic States:								
New York.....	28	22	16	18	77	139	7	9
New Jersey.....	11	16	15	18	155	48	0	2
Pennsylvania.....	34	28	.....	.....	675	18	6	6
East North Central States:								
Ohio.....	48	28	2	6	160	10	8	2
Indiana.....	42	14	36	10	10	7	1	1
Illinois.....	41	32	15	13	300	14	2	3
Michigan.....	22	15	.....	1	50	15	1	3
Wisconsin.....	2	5	27	24	32	16	0	0
West North Central States:								
Minnesota.....	12	48	.....	1	3	19	0	0
Iowa.....	5	11	.....	1	2	.....	0	0
Missouri.....	39	20	17	49	293	2	3	2
North Dakota.....	4	1	.....	.....	.....	.....	1	0
South Dakota.....	3	.....	.....	.....	.....	1	0	0
Nebraska.....	7	.....	13	.....	1	1	0	0
Kansas.....	14	21	6	.....	22	3	4	0
South Atlantic States:								
Delaware.....	1	1	.....	.....	.....	3	0	1
Maryland.....	10	14	1	8	6	10	1	4
District of Columbia.....	5	15	.....	3	8	5	1	5
Virginia.....	63	54	.....	.....	28	8	8	3
West Virginia.....	47	51	8	16	15	10	3	0
North Carolina.....	117	163	.....	5	174	7	6	3
South Carolina.....	16	22	163	194	37	.....	0	0
Georgia.....	42	44	.....	.....	.....	.....	1	0
Florida.....	46	12	10	.....	22	.....	0	0

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936—Continued

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936
East South Central States:								
Kentucky.....	33	31	9	10	29	36	4	6
Tennessee.....	21	36	66	30	72	1	2	3
Alabama.....	41	55	91	52	5	-----	3	0
Mississippi.....	20	17	-----	-----	-----	-----	0	1
West South Central States:								
Arkansas.....	31	8	26	17	4	-----	1	0
Louisiana.....	27	29	5	36	1	2	0	1
Oklahoma.....	38	8	22	46	1	-----	1	2
Texas.....	58	36	203	60	18	22	0	1
Mountain States:								
Montana.....	-----	-----	3	11	13	1	1	0
Idaho.....	2	2	2	3	2	56	0	0
Wyoming.....	-----	2	-----	-----	1	5	0	1
Colorado.....	3	8	-----	-----	31	1	0	0
New Mexico.....	4	2	-----	-----	29	4	0	0
Arizona.....	2	2	36	43	-----	38	0	0
Utah.....	105	1	-----	-----	17	12	1	3
Pacific States:								
Washington.....	1	4	-----	3	25	24	0	1
Oregon.....	5	1	29	19	9	1	0	0
California.....	24	53	22	27	39	22	1	2
Total.....	1,085	941	847	717	2,547	828	62	67
First 44 weeks of year.....	21,661	22,185	280,241	145,119	253,534	272,132	4,794	6,546

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937
New England States:									
Maine.....	1	0	11	17	0	0	4	3	78
New Hampshire.....	0	0	6	11	0	0	0	0	11
Vermont.....	0	0	9	4	0	0	0	0	15
Massachusetts.....	1	0	129	123	0	0	4	4	91
Rhode Island.....	0	0	15	12	0	0	1	0	23
Connecticut.....	5	0	39	50	0	0	0	0	29
Middle Atlantic States:									
New York.....	10	6	241	321	0	0	12	14	318
New Jersey.....	6	1	61	39	0	0	4	4	80
Pennsylvania.....	3	7	337	213	0	0	15	20	-----
East North Central States:									
Ohio.....	2	9	316	251	0	0	15	27	142
Indiana.....	2	3	152	71	11	3	10	1	27
Illinois.....	18	25	325	274	16	1	16	23	88
Michigan.....	1	4	296	190	1	1	4	14	-----
Wisconsin.....	7	1	119	210	6	2	1	2	182
West North Central States:									
Minnesota.....	10	1	101	99	3	1	0	0	49
Iowa.....	15	3	129	66	31	6	1	5	59
Missouri.....	3	5	242	61	7	0	12	7	81
North Dakota.....	1	0	42	43	60	5	2	2	31
South Dakota.....	1	1	21	31	7	0	1	2	19
Nebraska.....	7	1	34	3	0	0	2	0	17
Kansas.....	2	6	120	121	2	2	2	6	38
South Atlantic States:									
Delaware.....	0	0	6	3	0	0	2	3	2
Maryland.....	0	1	68	66	0	0	10	8	65
District of Columbia.....	0	0	10	6	0	0	1	1	3
Virginia.....	1	2	52	53	0	0	9	19	59
West Virginia.....	0	6	107	78	0	0	9	7	32

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Nov. 6, 1937, and Nov. 7, 1936—Continued

Division and State	Pollomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937	Week ended Nov. 7, 1936	Week ended Nov. 6, 1937
South Atlantic States—Con.									
North Carolina ¹	2	1	77	81	0	0	24	4	120
South Carolina ¹	0	0	2	27	0	0	2	2	32
Georgia ¹	1	4	32	27	0	0	11	12	10
Florida ¹	1	2	14	6	0	0	1	1	3
East South Central States:									
Kentucky.....	0	1	43	64	0	0	13	20	111
Tennessee.....	4	2	49	37	5	0	11	16	31
Alabama ¹	0	2	26	21	0	0	5	6	16
Mississippi ¹	5	3	19	22	1	0	6	8	-----
West South Central States:									
Arkansas.....	1	8	24	8	1	0	16	4	13
Louisiana.....	4	0	11	16	0	0	7	8	10
Oklahoma ¹	2	31	81	15	1	7	16	18	32
Texas ¹	3	2	107	22	3	1	42	19	86
Mountain States:									
Montana.....	0	0	16	40	20	5	1	2	16
Idaho.....	0	0	24	38	4	0	1	2	2
Wyoming.....	0	0	8	32	10	3	2	0	18
Colorado.....	1	10	35	42	0	0	5	0	12
New Mexico.....	2	0	11	25	0	0	5	10	26
Arizona.....	0	1	6	6	0	0	2	1	-----
Utah ¹	1	0	51	22	1	1	1	0	17
Pacific States:									
Washington.....	1	2	17	28	6	0	3	4	52
Oregon.....	2	3	21	32	3	1	0	5	23
California.....	24	11	130	180	0	2	7	14	208
Total.....	150	165	3,792	3,207	199	41	318	328	2,377
First 44 weeks of year.....	9,003	3,894	187,431	198,785	8,861	6,368	13,609	12,920	-----

¹ New York City only.

² Week ended earlier than Saturday.

³ Typhus fever, week ended Nov. 6, 1937, 38 cases, as follows: North Carolina, 1; South Carolina, 4; Georgia, 18; Florida, 1; Alabama, 4; Mississippi, 1; Texas, 9.

⁴ Dengue, week ended Nov. 6, 1937, Florida, 1 case.

⁵ Figures for 1936 are exclusive of Oklahoma City and Tulsa.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week:

State	Menin- gococ- cus menin- gitis	Diph- theria	Influ- enza	Ma- laria	Mea- sles	Pel- lagra	Pollo- mye- litis	Scarlet fever	Small- pox	Ty- phoid fever
<i>June 1937</i>										
Missouri.....	5	45	117	98	319	2	4	520	67	35
<i>July 1937</i>										
Maryland.....	10	24	4	-----	92	-----	8	43	0	62
North Dakota.....	2	1	5	-----	4	-----	0	24	37	3
<i>August 1937</i>										
Missouri.....	3	50	123	305	85	1	82	157	19	134
<i>October 1937</i>										
Connecticut.....	3	24	10	2	16	-----	23	123	0	7
Delaware.....	0	6	-----	-----	2	-----	0	20	0	1
District of Columbia.....	6	33	3	-----	8	1	5	33	0	6
Missouri.....	7	214	162	143	399	1	71	769	28	123

<i>June 1937</i>		<i>July 1937—Continued</i>		<i>October 1937—Continued</i>	
Missouri:	Cases	North Dakota:	Cases	German measles:	Cases
Chicken pox.....	108	Chicken pox.....	50	Connecticut.....	10
Dysentery.....	56	Mumps.....	1	Lead poisoning:	
Encephalitis, epidemic or		Rocky Mountain spotted		Connecticut.....	2
lethargic.....	1	fever.....	1	Mumps:	
Mumps.....	123	Whooping cough.....	180	Connecticut.....	153
Rabies in animals.....	6			Delaware.....	48
Septic sore throat.....	27			Missouri.....	36
Trachoma.....	52			Ophthalmia neonatorum:	
Tularaemia.....	5			Connecticut.....	3
Whooping cough.....	677			Delaware.....	1
<i>July 1937</i>		<i>August 1937</i>		<i>October 1937—Continued</i>	
Maryland:		Missouri:		Paratyphoid fever:	
Chicken pox.....	38	Chicken pox.....	15	Connecticut.....	4
Diarrhea.....	65	Dysentery.....	71	Rabies in animals:	
Dysentery (bacillary).....	40	Encephalitis.....	52	Missouri.....	13
Encephalitis, epidemic or		Mumps.....	24	Septic sore throat:	
lethargic.....	2	Rabies in animals.....	6	Connecticut.....	14
German measles.....	8	Septic sore throat.....	35	Missouri.....	69
Impetigo contagiosa.....	10	Tetanus.....	1	Tetanus:	
Lead poisoning.....	1	Trachoma.....	17	Connecticut.....	1
Mumps.....	42	Undulant fever.....	9	Trachoma:	
Ophthalmia neonatorum.....	8	Whooping cough.....	257	Missouri.....	63
Paratyphoid fever.....	1			Trichinosis:	
Rocky Mountain spotted				Connecticut.....	5
fever.....	12			Tularaemia:	
Septic sore throat.....	6			Missouri.....	8
Tetanus.....	1			Undulant fever:	
Typhus fever.....	3			Connecticut.....	5
Undulant fever.....	1			Missouri.....	3
Whooping cough.....	592			Whooping cough:	
		<i>October 1937</i>		Connecticut.....	75
		Connecticut:		Delaware.....	22
		Connecticut (bacillary).....	25	District of Columbia.....	19
		Missouri.....	27	Missouri.....	279
		Encephalitis, epidemic or			
		lethargic.....	1		
		Connecticut.....	34		
		Missouri.....			

PLAGUE INFECTION IN FRESNO COUNTY, CALIF.

Under date of November 5, 1937, Dr. W. M. Dickie, Director of Public Health of California, reported plague infection proved by animal inoculation in a pool of 14 fleas taken from 46 golden mantled squirrels collected on September 30 in the Cedar Crest area, 2 miles west of Lake Shore, Huntington Lake, Fresno County, Calif.

WEEKLY REPORTS FROM CITIES

City reports for week ended Oct. 30, 1937

This table summarizes the reports received weekly from a selected list of 140 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Data for 90 cities:											
5-year average.....	300	141	32	223	479	946	7	355	53	786	-----
Current week.....	172	73	30	620	487	765	4	313	40	721	-----
Maine:											
Portland.....	0	-----	0	0	2	0	0	0	0	10	19
New Hampshire:											
Concord.....	0	-----	0	2	1	0	0	0	0	0	7
Manchester.....	1	-----	0	0	1	0	0	0	0	0	17
Nashua.....	0	-----	0	0	0	0	0	0	0	7	4
Vermont:											
Barre.....	0	-----	0	18	0	0	0	0	2	0	1
Burlington.....	0	-----	0	0	0	0	0	0	0	0	9
Rutland.....	0	-----	0	7	0	1	0	0	0	1	7
Massachusetts:											
Boston.....	0	-----	1	24	21	34	0	6	0	7	223
Fall River.....	0	-----	0	0	0	0	0	0	0	16	24
Springfield.....	0	-----	0	0	1	1	0	0	0	4	31
Worcester.....	0	-----	0	0	4	3	0	2	0	3	52

City reports for week ended Oct. 30, 1937—Continued

State and city	Diph- theria cases	Influenza		Mea- sles cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Rhode Island:											
Pawtucket.....	0		0	0	0	1	0	0	0	0	21
Providence.....	0		1	2	5	5	0	2	0	14	66
Connecticut:											
Bridgeport.....	1	1	0	0	3	3	0	1	1	0	33
Hartford.....	0		0	1	2	4	0	2	1	3	38
New Haven.....	0		0	0	1	1	0	0	0	1	28
New York:											
Buffalo.....	0		0	0	9	6	0	3	0	15	154
New York.....	29	7	3	25	102	49	0	66	2	101	1,369
Rochester.....	0	1	0	0	3	0	0	1	1	5	72
Syracuse.....	0		0	4	7	27	0	1	0	11	52
New Jersey:											
Camden.....	0		0	0	0	2	0	1	2	0	33
Newark.....	0		0	3	8	5	0	2	0	20	96
Trenton.....	0		0	84	5	0	0	1	0	2	23
Pennsylvania:											
Philadelphia.....	2	1	0	11	23	42	0	19	6	28	454
Pittsburgh.....	4		2	91	9	29	0	7	0	18	148
Reading.....	0		1	0	1	3	0	0	0	0	28
Scranton.....	0			2		0	0		0	1	
Ohio:											
Cincinnati.....	4		1	0	3	5	0	9	1	8	129
Cleveland.....	1	3	0	51	16	25	0	6	0	18	192
Columbus.....	4		0	0	7	9	0	2	0	1	66
Toledo.....	0	1	0	3	5	15	0	3	1	6	70
Indiana:											
Anderson.....	0		0	0	0	6	0	0	0	1	13
Fort Wayne.....	0		0	0	4	2	0	0	0	0	22
Indianapolis.....	4		0	3	9	26	0	4	0	10	98
Muncie.....	1		0	0	0	2	0	0	0	0	11
South Bend.....	0		0	0	1	1	0	0	0	3	13
Terre Haute.....	1		0	0	0	0	0	0	0	0	20
Illinois:											
Alton.....	1		0	12	0	0	0	0	0	0	12
Chicago.....	12		4	65	47	84	0	42	1	32	702
Elgin.....	0		0	0	0	0	0	0	0	0	4
Moline.....	0		0	0	1	4	0	0	0	2	8
Springfield.....	0		0	0	1	2	0	0	1	3	25
Michigan:											
Detroit.....	12	1	0	25	15	66	0	13	1	22	247
Flint.....	4		0	2	2	10	1	0	0	5	25
Grand Rapids.....	0		0	1	1	19	0	0	0	6	34
Wisconsin:											
Kenosha.....	0		0	0	0	4	0	0	0	0	4
Madison.....	0		0	1	1	1	0	0	0	0	20
Milwaukee.....	1		0	17	2	8	0	0	0	44	104
Racine.....	0		0	0	0	5	0	0	0	1	9
Superior.....	0		0	0	0	6	0	0	0	0	5
Minnesota:											
Duluth.....	0		0	0	2	3	0	2	0	14	26
Minneapolis.....	1		1	2	3	25	0	2	0	14	107
St. Paul.....	1		0	2	5	5	0	0	1	5	62
Iowa:											
Cedar Rapids.....	0			0		0	0		0	1	
Davenport.....	2			0		1	0		0	0	
Des Moines.....	0			0		7	0		0	2	34
Sioux City.....	0			0		2	0		0	1	
Waterloo.....	0			0		3	0		0	6	
Missouri:											
Kansas City.....	0		0	0	6	10	0	4	0	1	110
St. Joseph.....	0		0	0	5	4	0	2	0	1	31
St. Louis.....	17		2	140	5	34	1	3	3	6	209
North Dakota:											
Fargo.....	0		0	0	0	6	0	0	0	13	8
Grand Forks.....	0			0		8	0		0	0	
Minot.....	0		0	0	0	1	0	0	0	1	2
South Dakota:											
Aberdeen.....	1			0		0	0		0	0	
Sioux Falls.....	0		0	0	0	0	0	0	0	0	9
Nebraska:											
Omaha.....	0		1	1	4	1	0	0	0	1	51
Kansas:											
Lawrence.....	0	1	0	0	0	0	0	0	0	0	3
Topeka.....	0		1	0	1	2	0	0	0	2	23
Wichita.....	1		0	0	2	6	0	2	0	15	29

City reports for week ended Oct. 30, 1937—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Delaware:											
Wilmington.....	0	-----	0	0	4	3	0	0	0	1	29
Maryland:											
Baltimore.....	7	4	1	3	18	14	0	13	2	59	214
Cumberland.....	0	-----	0	0	1	1	0	0	0	1	12
Frederick.....	0	-----	0	0	1	0	0	0	0	0	-----
District of Columbia:											
Washington.....	8	-----	0	1	13	14	0	14	1	5	200
Virginia:											
Lynchburg.....	1	-----	1	0	2	3	0	1	0	0	15
Norfolk.....	0	-----	0	2	4	1	0	0	0	0	35
Richmond.....	1	-----	1	0	5	5	0	1	1	0	68
Roanoke.....	2	-----	0	0	2	2	0	0	0	10	22
West Virginia:											
Charleston.....	1	1	0	0	0	2	0	2	0	0	18
Huntington.....	0	-----	-----	2	-----	6	0	-----	0	0	-----
Wheeling.....	0	-----	0	1	2	3	0	0	1	13	23
North Carolina:											
Gastonia.....	2	-----	-----	0	-----	0	0	-----	0	0	-----
Raleigh.....	0	-----	0	1	1	0	0	2	0	8	18
Wilmington.....	3	-----	0	0	0	0	0	0	0	2	14
Winston-Salem.....	2	-----	0	0	1	4	0	0	0	0	9
South Carolina:											
Charleston.....	2	20	0	0	0	0	0	1	1	0	22
Florence.....	1	-----	0	0	0	0	0	0	0	0	16
Greenville.....	0	-----	0	1	0	1	0	3	0	2	25
Georgia:											
Atlanta.....	6	12	1	11	11	12	0	0	3	0	87
Brunswick.....	0	-----	0	0	1	0	0	0	0	0	5
Savannah.....	2	6	0	0	2	0	0	1	0	0	31
Florida:											
Miami.....	0	5	-----	2	3	2	0	2	1	1	30
Tampa.....	0	1	1	0	1	1	0	0	0	0	20
Kentucky:											
Ashland.....	0	-----	-----	0	-----	3	0	-----	0	0	-----
Covington.....	0	-----	-----	0	1	0	0	-----	0	0	7
Lexington.....	0	-----	-----	0	2	2	0	2	0	5	21
Louisville.....	7	-----	1	0	5	15	0	7	0	15	84
Tennessee:											
Knoxville.....	4	1	0	0	7	0	0	1	6	0	35
Memphis.....	2	-----	0	4	3	5	0	1	1	0	72
Nashville.....	2	-----	1	0	5	2	0	1	0	4	36
Alabama:											
Birmingham.....	3	2	1	0	3	2	0	3	0	0	75
Mobile.....	1	1	1	0	4	0	0	1	0	0	23
Montgomery.....	3	-----	-----	0	-----	0	0	-----	0	0	-----
Arkansas:											
Fort Smith.....	0	-----	-----	0	-----	2	0	-----	0	1	-----
Little Rock.....	0	-----	0	0	0	0	0	0	0	0	-----
Louisiana:											
Lake Charles.....	0	-----	0	0	0	0	0	0	0	0	4
New Orleans.....	4	2	1	0	8	10	0	10	3	1	140
Shreveport.....	1	-----	0	0	7	2	0	2	0	0	49
Oklahoma:											
Muskogee.....	0	-----	-----	0	-----	1	0	-----	0	0	-----
Oklahoma City.....	0	-----	1	0	2	3	0	1	0	0	38
Tulsa.....	1	-----	-----	0	-----	13	0	-----	0	5	-----
Texas:											
Dallas.....	2	-----	0	1	7	21	0	2	0	2	68
Fort Worth.....	0	-----	0	0	4	9	0	1	0	2	26
Galveston.....	0	-----	0	0	0	0	0	0	0	0	18
Houston.....	9	-----	0	0	4	11	0	2	1	1	60
San Antonio.....	0	-----	1	0	2	0	0	9	0	0	52
Montana:											
Billings.....	0	-----	0	0	1	0	0	0	0	0	6
Great Falls.....	0	-----	0	0	0	0	0	0	0	3	6
Helena.....	0	-----	0	0	0	0	0	0	0	7	1
Missoula.....	0	-----	0	0	1	0	0	0	1	0	7
Idaho:											
Boise.....	0	-----	0	0	0	1	0	1	0	0	10
Colorado:											
Colorado Springs.....	0	-----	0	0	0	1	0	0	0	0	7
Denver.....	5	-----	0	13	7	8	0	6	1	3	91
Pueblo.....	0	-----	0	0	0	0	0	1	0	0	8

City reports for week ended Oct. 30, 1937—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
New Mexico:											
Albuquerque.....	0	-----	0	1	1	4	0	1	2	0	15
Utah:											
Salt Lake City.....	1	-----	0	0	2	13	0	0	0	2	35
Washington:											
Seattle.....	0	-----	1	2	2	1	0	1	0	5	96
Spokane.....	0	-----	0	5	1	4	0	0	0	3	30
Tacoma.....	0	-----	0	0	0	3	2	1	0	7	27
Oregon:											
Portland.....	0	1	0	3	5	2	2	2	0	0	69
Salem.....	0	1	0	2	-----	0	0	-----	0	0	-----
California:											
Los Angeles.....	5	5	0	3	12	27	0	17	1	37	297
Sacramento.....	3	1	0	0	0	2	0	0	0	5	24
San Francisco.....	0	-----	1	1	5	7	0	15	0	59	169

State and city	Meningococcus meningitis		Polio-myelitis cases	State and city	Meningococcus meningitis		Polio-myelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				Missouri:			
Boston.....	0	2	1	Kansas City.....	0	0	3
Rhode Island:				St. Joseph.....	0	0	1
Providence.....	2	0	0	Nebraska:			
Connecticut:				Omaha.....	0	0	3
Bridgeport.....	0	0	1	Maryland:			
New York:				Baltimore.....	1	1	1
New York.....	7	3	8	District of Columbia:			
Rochester.....	0	0	1	Washington.....	1	1	1
New Jersey:				Virginia:			
Camden.....	0	0	1	Norfolk.....	1	0	0
Newark.....	1	0	0	Roanoke.....	0	1	0
Pennsylvania:				Kentucky:			
Philadelphia.....	1	0	3	Ashland.....	1	0	0
Ohio:				Tennessee:			
Cincinnati.....	1	0	0	Knoxville.....	1	0	0
Cleveland.....	0	1	3	Memphis.....	0	0	2
Columbus.....	0	0	2	Alabama:			
Indiana:				Birmingham.....	1	0	0
Indianapolis.....	0	0	1	Arkansas:			
Illinois:				Little Rock.....	0	0	1
Chicago.....	1	0	2	Louisiana:			
Elgin.....	0	0	1	Shreveport.....	0	2	0
Michigan:				Colorado:			
Detroit.....	0	0	2	Denver.....	1	0	0
Wisconsin:				Pueblo.....	0	0	1
Madison.....	0	0	1	New Mexico:			
Milwaukee.....	0	0	2	Albuquerque.....	0	1	0
Racine.....	0	0	1	Oregon:			
Minnesota:				Portland.....	1	0	1
St. Paul.....	0	0	1	California:			
Iowa:				Los Angeles.....	0		4
Davenport.....	0	0	1	Sacramento.....	0	0	1
Waterloo.....	0	0	2	San Francisco.....	0	0	2

Encephalitis, epidemic or lethargic.—Cases: Elgin, 1; St. Louis, 10; Sacramento, 1.

Pellagra.—Cases: Washington, 1; Charleston, S. C., 1; Atlanta, 1; Savannah, 4; Memphis, 1; Dallas, 1; Los Angeles, 1.

Typhus fever.—Cases: New York, 1; Atlanta, 1; Montgomery, 1; Galveston, 1; Houston, 2.

FOREIGN AND INSULAR

CANADA

Provinces—Communicable diseases—2 weeks ended October 23, 1937.—During the 2 weeks ended October 23, 1937, cases of certain communicable diseases were reported by the Department of Pensions and National Health of Canada, as follows:

Disease	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Cerebrospinal meningitis.....			3	1	1			1		6
Chicken pox.....		10		123	177	107	75	28	139	659
Diphtheria.....		3	5	156	15	1	5	3		188
Dysentery.....				2	8		6			16
Erysipelas.....				3	3	1	1	3	1	12
Influenza.....		10			7	2			14	33
Lethargic encephalitis.....						1				1
Measles.....		8	1	325	156	14	134	16	300	954
Mumps.....		8			63	5	1	9	15	101
Paratyphoid fever.....	2	1			4					7
Pneumonia.....		1			14		4		17	36
Poliomyelitis.....		2	12	5	108	13	56	14	2	212
Scarlet fever.....		34	4	174	156	58	98	41	34	599
Tuberculosis.....	3	41	21	94	79	23	5		29	295
Typhoid fever.....		1	13	101	12	4	8	1	5	145
Undulant fever.....				1	2					3
Whooping cough.....		12		344	191	103	22		66	738

CUBA

Habana—Communicable diseases—4 weeks ended October 23, 1937.—During the 4 weeks ended October 23, 1937, certain communicable diseases were reported in Habana, Cuba, as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Diphtheria.....	18	2	Tuberculosis.....	6	1
Dysentery (bacillary).....	1		Typhoid fever.....	48	1
Leprosy.....		1	Undulant fever.....	1	
Malaria.....	64	1			

¹ Includes imported cases.

JAMAICA

Communicable diseases—4 weeks ended October 30, 1937.—During the 4 weeks ended October 30, 1937, cases of certain communicable diseases were reported in Kingston, Jamaica, and in the island outside of Kingston, as follows:

Disease	Kingston	Other localities	Disease	Kingston	Other localities
Chicken pox.....		20	Puerperal fever.....		3
Dysentery.....	8	6	Scarlet fever.....		1
Erysipelas.....		1	Tuberculosis.....	34	71
Leprosy.....		5	Typhoid fever.....	12	57
Lethargic encephalitis.....		1			

SWEDEN

Notifiable diseases—September 1937.—During the month of September 1937, cases of certain notifiable diseases were reported in Sweden as follows:

Disease	Cases	Disease	Cases
Diphtheria.....	22	Poliomyelitis.....	1 506
Dysentery.....	84	Scarlet fever.....	1,012
Epidemic encephalitis.....	5	Syphilis.....	28
Gonorrhea.....	1,274	Typhoid fever.....	10
Meningococcus meningitis.....	1	Undulant fever.....	19
Paratyphoid fever.....	206	Well's disease.....	6

¹ Includes 104 cases nonparalytic at time of notification.

YUGOSLAVIA

Notifiable diseases—4 weeks ended October 10, 1937.—During the 4 weeks ended October 10, 1937, certain notifiable diseases were reported in Yugoslavia as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Anthrax.....	76	12	Poliomyelitis.....	7	-----
Diphtheria and croup.....	999	42	Scarlet fever.....	408	4
Dysentery.....	691	59	Sepsis.....	12	6
Erysipelas.....	204	5	Tetanus.....	36	17
Lethargic encephalitis.....	2	-----	Typhoid fever.....	896	48
Measles.....	16	-----	Typhus fever.....	13	-----
Meningococcus meningitis.....	10	2	Well's disease.....	2	-----
Paratyphoid fever.....	38	3			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for October 29, 1937, pages 1547-1562. A similar cumulative table will appear in the PUBLIC HEALTH REPORTS to be issued November 26, 1937, and thereafter, at least for the time being, in the issue published on the last Friday of each month.

Cholera

China.—During the week ended October 30, 1937, cholera was reported in China as follows: Hong Kong, 4 cases; Shanghai, 99 cases.

French Indochina.—During the week ended October 30, 1937, cholera was reported in French Indochina as follows: Annam, 32 cases; Haiphong, 16 cases; Hanoi, 87 cases; Tonkin Province, 735 cases.

India (French).—On October 30, 1937, 2 cases of cholera were reported in Chandernagor, and on September 11, 1937, 1 case of cholera with 1 death was reported in Karikal, French India.

Plague

Belgian Congo—Kwadruma.—On October 29, 1937, 2 cases of plague, one case of which was pneumonic, were reported in Kwadruma, Belgian Congo.

Egypt.—Plague has been reported in Egypt as follows: November 2, 1937, 1 fatal case in Banimur, Asyut Province; October 28, 1937, 1 fatal case in Bate-El-Kurabi, Girga Province.

Hawaii Territory—Island of Hawaii—Hamakua District.—A rat found on October 26, and another rat found on October 27, both in Hamakua Mill Sector, and one rat, found on October 30, in Paauhau Sector, all in Hamakua District, Island of Hawaii, Hawaii Territory, have been proved plague infected.

United States—California.—A report of plague infection in California appears on page 1685 of this issue of PUBLIC HEALTH REPORTS.

Yellow Fever

Brazil—Amazonas State—Ambrosio Ayres.—On August 17, 1937, 1 death from yellow fever was reported in Ambrosio Ayres, Amazonas State, Brazil.

Gold Coast—Lawra.—On October 28, 1937, 1 case of yellow fever was reported in Lawra, Gold Coast.

Nigeria—Maiduguri.—On October 29, 1937, 1 fatal case of suspected yellow fever was reported in Maiduguri, Nigeria.

Senegal.—Yellow fever has been reported in Senegal as follows: November 4, 2 cases imported from Rufisque and Sebikotane, including 1 suspected case, were reported in Dakar; November 1, 1 suspected case was reported in Kaolakh; October 31, 1 case was reported in Khombole, Thies Circle.